

SERVICE MANUAL

WAX2 CHASSIS

MODEL	COMMANDER	DEST	MODEL	COMMANDER	DEST
KDL-26S2000E	RM-ED005	AEP	KDL-26S2000U	RM-ED005	UK
KDL-32S2000E	RM-ED005	AEP	KDL-32S2000U	RM-ED005	UK
KDL-40S2000E	RM-ED005	AEP	KDL-40S2000U	RM-ED005	UK
KDL-46S2000E	RM-ED005	AEP	KDL-46S2000U	RM-ED005	UK
KDL-26S2010E	RM-ED005	AEP	KDL-26S2010U	RM-ED005	UK
KDL-32S2010E	RM-ED005	AEP	KDL-32S2010U	RM-ED005	UK
KDL-40S2010E	RM-ED005	AEP	KDL-40S2010U	RM-ED005	UK
KDL-46S2010E	RM-ED005	AEP	KDL-46S2010U	RM-ED005	UK
KDL-26S2020E	RM-ED005	AEP	KDL-26S2020U	RM-ED005	UK
KDL-32S2020E	RM-ED005	AEP	KDL-32S2020U	RM-ED005	UK



KDL-26S2000 / KDL-32S2000 / KDL-40S2000 / KDL-46S2000
KDL-26S2010 / KDL-32S2010 / KDL-40S2010 / KDL-46S2010
KDL-26S2020 / KDL-32S2020



RM-ED005

FLAT PANEL COLOR TV
SONY®

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WARNING !!

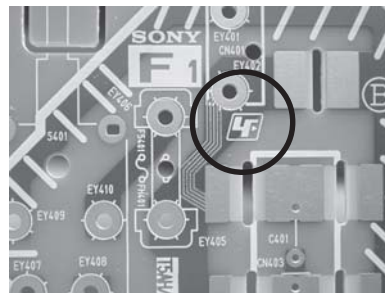
AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE WORK TO AVOID POSSIBLE SHOCK HAZARD DUE TO LIVE CHASSIS, THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARKED Δ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

CAUTION**Lead Free Soldered Boards**

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. F1, H1 etc [see examples]. The servicing of these boards requires special precautions to be taken as outlined below.

**example 1****example 2**

It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

Partnumber	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.


For more information on the use of Lead Free Solder, please refer to <http://www.sony-training.com>

ITEM MODEL	Television System	Stereo System	Channel Coverage	Color System
E	B/G/H, D/K, I, L, DVB-T	GERMAN/NICAM Stereo	VHF : E02-E12 UHF : E21-E69 CATV : S01-S20 HYPER : S21-S41 D/K : R1-R12, R21-R69 L : F2-F10, B-Q, F21-F69 I : UHF B21-B69	PAL, SECAM NTSC 3.58/4.43 (VIDEO ONLY) MPEG-2 MP@ML
U	I, DVB-T	NICAM Stereo	UHF : B21-B69	PAL, SECAM NTSC 3.58/4.43 (VIDEO ONLY) MPEG-2 MP@ML

Projected Picture Size	LCD(Liquid Crystal Display) Panel Approx 66.1cm (26inches) Approx 80.1cm (32inches) Approx 101.6cm (40inches) Approx 116.9cm (46inches).	Sound Output	
		Right and Left speaker Sub-woofer	2 x 10W (RMS)
Input/Output Terminals [REAR]		General Specifications	
1: 21-pin Euro connector (CENELEC standard)	Inputs for Audio and Video signals. Inputs for RGB. Outputs of TV Video and Audio signals.	Power Requirements	220 - 240V
		Power Consumption/ Standby	Approx 100W/0.3W (26inch) Approx 125W/0.3W (32inch) Approx 180W/0.3W (40inch) Approx 250W/0.3W (46inch)
2: 21-pin Euro connector (CENELEC standard)	Inputs for Audio and Video signals. Inputs for RGB. Outputs of Video and Audio signals (Selectable). SmartLink interface.	Dimensions	Approx 658x516x219mm(26inch with stand) Approx 658x470x94mm(26inch without stand) Approx 792x593x219mm(32inch with stand) Approx 792x546x99mm(32inch without stand) Approx 988x716x334mm(40inch with stand) Approx 988x664x103mm(40inch without stand) Approx 1120x805x334mm(46inch with stand) Approx 1120x755x116mm(46inch without stand)
		Weight	Approx 13kg (26inch with stand) Approx 11kg (26inch without stand) Approx 17kg (32inch with stand) Approx 15kg (32inch without stand) Approx 27kg (40inch with stand) Approx 21kg (40inch without stand) Approx 34kg (46inch with stand) Approx 28kg (46inch without stand)
Phono Jacks	Output Connectors variable for Audio Signals.	Supplied Accessories	RM-ED005 Remote Commander (1) IEC designated R06 battery (2) Mains Lead (1)
HDMI Input	HDMI Connector.	Other Features	Wide Angle LCD Panel, DVB-T Tuner, 3D Comb Filter, SmartLink, Teletext, Light Sensor, PinP freeze, BBE Digital, HDMI input, PC input.
PC Input	15 Pin D-Sub Connector.		
CAM	Conditional Access Module		
Input/Output Terminals [SIDE]		Remote control system : Infrared control	
Headphone jack	Stereo mini jack	Power requirements	3V dc 2 batteries IEC designation R06 (size AA)
Audio input	Phono jacks		
Video input	Phono jack		
S Video input	4 pin mini DIN		
Design and specifications are subject to change without notice.			

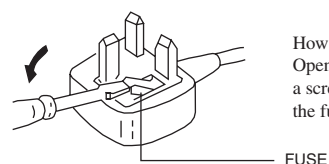
Model Name Item	KDL-26S2000E KDL-32S2000E KDL-40S2000E KDL-46S2000E	KDL-26S2000U KDL-32S2000U KDL-40S2000U KDL-46S2000U	KDL-26S2010E KDL-32S2010E KDL-40S2010E KDL-46S2010E	KDL-26S2010U KDL-32S2010U KDL-40S2010U KDL-46S2010U	KDL-26S2020E KDL-32S2020E	KDL-26S2020U KDL-32S2020U
PAP	OFF	OFF	OFF	OFF	OFF	OFF
PAT	OFF	OFF	OFF	OFF	OFF	OFF
RGB Priority	ON	ON	ON	ON	ON	ON
Sub Woofer	OFF	OFF	OFF	OFF	OFF	OFF
Scart 1	ON	ON	ON	ON	ON	ON
Scart 2	ON	ON	ON	ON	ON	ON
Front in (5)	ON	ON	ON	ON	ON	ON
Projector	OFF	OFF	OFF	OFF	OFF	OFF
Norm B/G	ON	OFF	ON	OFF	ON	OFF
Norm I	ON	ON	ON	ON	ON	ON
Norm D/K	ON	OFF	ON	OFF	ON	OFF
Norm AUS	OFF	OFF	OFF	OFF	OFF	OFF
Norm L	ON	OFF	ON	OFF	ON	OFF
Norm SAT	OFF	OFF	OFF	OFF	OFF	OFF
Norm M	OFF	OFF	OFF	OFF	OFF	OFF
Teletext	ON	ON	ON	ON	ON	ON
Nicam Stereo	ON	ON	ON	ON	ON	ON

WARNING (UK Models only)

The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of **13 AMP** rating. Should the fuse need to be replaced, use a **13AMP FUSE** approved by ASTA to **BS 1362**, ie one that carries the  mark.

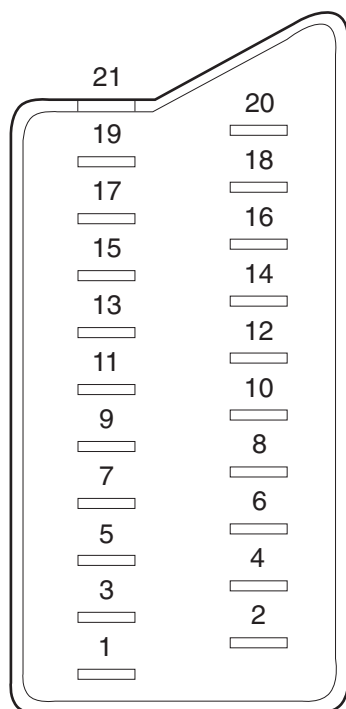
IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR THE OUTLET SOCKETS IN YOUR HOME, IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET.

When an alternative type of plug is used, it should be fitted with a **13 AMP FUSE**, otherwise the circuit should be protected by a **13AMP FUSE** at the distribution board.



How to replace the fuse.
Open the fuse compartment with a screwdriver blade and replace the fuse.

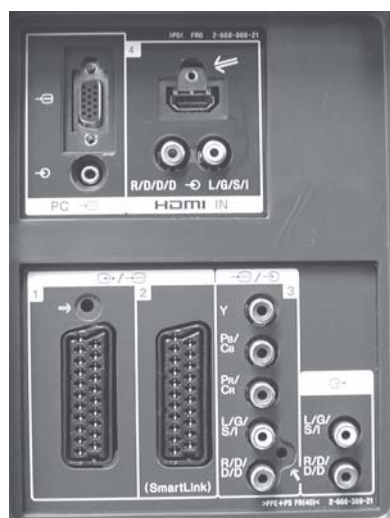
21 pin connector



Pin No	1	2	Signal	Signal level
1	○	○	Audio output B (right)	Standard level : 0.5V rms Output impedance : Less than 1kohm*
2	○	○	Audio input B (right)	Standard level : 0.5V rms Output impedance : More than 10kohm*
3	○	○	Audio output A (left)	Standard level : 0.5V rms Output impedance : Less than 1kohm*
4	○	○	Ground (audio)	
5	○	○	Ground (blue)	
6	○	○	Audio input A (left)	Standard level : 0.5V rms Output impedance : More than 10kohm*
7	○	○	Blue input	0.7 +/- 3dB, 75 ohms positive
8	○	○	Function select (AV control)	High state (9.5-12V) : Part mode Low state (0-2V) : TV mode Input impedance : More than 10K ohms Input capacitance : Less than 2nF
9	○	○	Ground (green)	
10	●	○	AVlink	
11	○	○	Green	Green signal : 0.7 +/- 3dB, 75 ohms, positive
12	●	●	Open	
13	○	○	Ground (red)	
14	○	○	Ground (blanking)	
15	○	○	Red input	0.7 +/- 3dB, 75 ohms, positive
	-	-	(S signal Chroma input)	0.3 +/- 3dB, 75 ohms, positive
16	○	○	Blanking input (Y's signal)	High state (1-3V) Low state (0-0.4V) Input impedance : 75 ohms
17	○	○	Ground (video output)	
18	○	○	Ground (video input)	
19	○	○	Video output	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
20	○	○	Video input	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
	-	-	Video input Y (S signal)	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
21	○	○	Common ground (plug, shield)	

○ Connected ● Not Connected (open) * at 20Hz - 20kHz

Rear Connection Panel



Side Connection Panel



S-Video socket

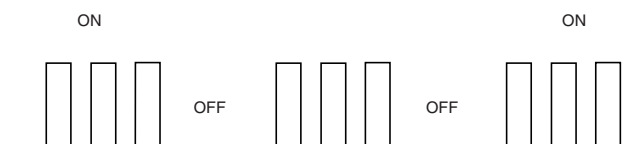
S Video socket pin configuration		
Pin No	Signal	Signal Level
1	Ground	-
2	Ground	-
3	Y (S signal) input	1V +/- 3dB 75ohm, positive Sync. 0.3V -3 +10dB
4	C (S signal) input	0.3V +/- 3dB 75ohm, positive Sync.

WAX2 SELF DIAGNOSTIC SOFTWARE

The identification of errors within the WAX2 chassis is triggered in one of two ways :- 1: Busy or 2: Device failure to respond to IIC. In the event of one of these situations arising the software will first try to release the bus if busy (Failure to do so will report with a continuous flashing LED) and then communicate with each device in turn to establish if a device is faulty. If a device is found to be faulty the relevant device number will be displayed through the LED (Series of flashes which must be counted).

Flash Timing Example : e.g. error number 3

SiBy LED



LED Error Code

LED ERROR CODE	ERROR DESCRIPTION
1	UNREG33V Supply Voltage Trouble (DCALERT3)
2	VD1.8, DE5V/6V Voltage Trouble (DCALERT2)
3	UNREG10.5V, PANEL5V Voltage Trouble (DCALERT1)
4	Backlight Trouble
5	Main Supply Voltage Trouble
6	Speaker Applied Voltage Trouble
7	Monitor an Increase in Inside-Temperature (esp. on the panel side)
8	Trident IC Trouble
9	DTT Trouble (Communications / BS_CS_PROT)

The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remain as in the manual.

1: Checking the accessories

- Remote RM-ED005 (1)
- Size AA batteries (R6 type) (2)
- Mains lead (Type BF) (1)



Coaxial cable (1)

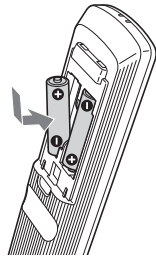


Cable holder (1)



Support belt (1) and screws (2)

To insert batteries into the remote

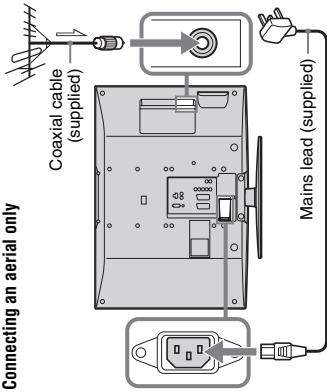


Notes

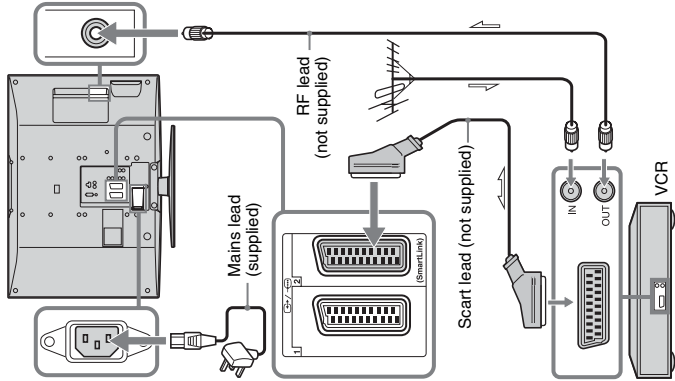
- Observe the correct polarity when inserting batteries.
- Dispose of batteries in an environmentally friendly way. Certain regions may regulate disposal of the battery. Please consult your local authority.
- Do not use different types of batteries together or mix old and new batteries.
- Handle the remote with care. Do not drop or step on it, or spill liquid of any kind onto it.
- Do not place the remote in a location near a heat source, or in a place subject to direct sunlight, or in a damp room.

2: Connecting an aerial/VCR

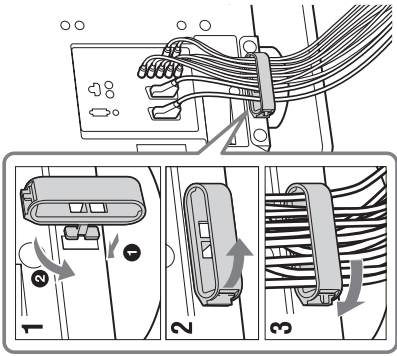
Connecting an aerial only



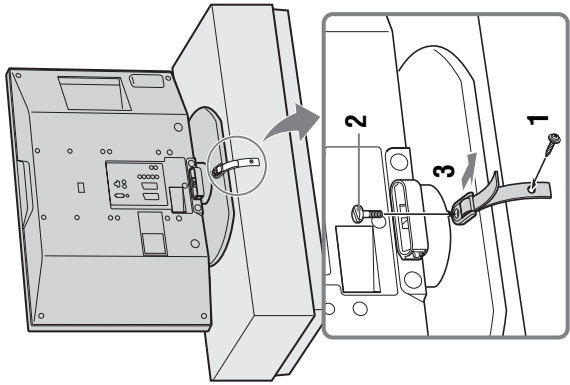
Connecting an aerial and VCR



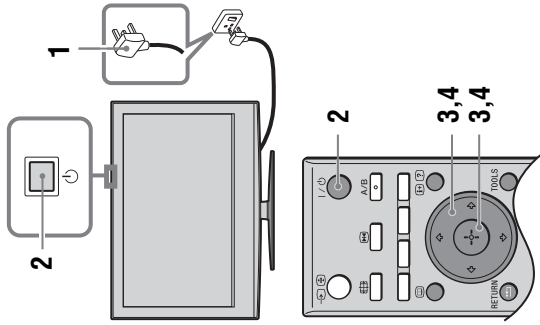
3: Bundling the cables



4: Preventing the TV from toppling over



5: Selecting the language and country/region



1 Connect the TV to your mains socket (220-240V AC, 50Hz).

2 Press on the TV (top side).

When you switch on the TV for the first time, the Language menu appears on the screen. When the TV is in standby mode (the indicator on the TV (front) is red), press on the remote to switch on the TV.

Continued

- 3 Press Δ/∇ to select the language displayed on the menu screens, then press \oplus .



- 4 Press Δ/∇ to select the country/region in which you will operate the TV, then press \oplus .

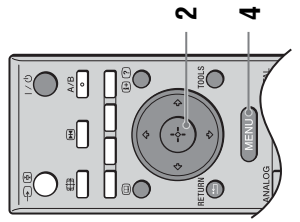


If the country/region in which you want to use the TV does not appear in the list, select “.” instead of a country/region.

The message confirming the TV start auto-tuning appears on the screen, then go to “6: Auto-tuning the TV”.

6: Auto-tuning the TV

The TV will now search for and store all available TV channels.



- 1 Before you start auto-tuning the TV, insert a pre-recorded tape into the VCR connected to the TV (page 4) and start play back.

The video channel will be located and stored on the TV during auto-tuning. If no VCR is connected to the TV, this procedure is not required. Go to step 2.

- 2 Press Δ/∇ to select “Ok”, then press \oplus .



The TV starts searching for all available digital channels, followed by all available analogue channels. This may take some time, please be patient and do not press any buttons on the TV or remote.

If a message appears for you to confirm the aerial connections

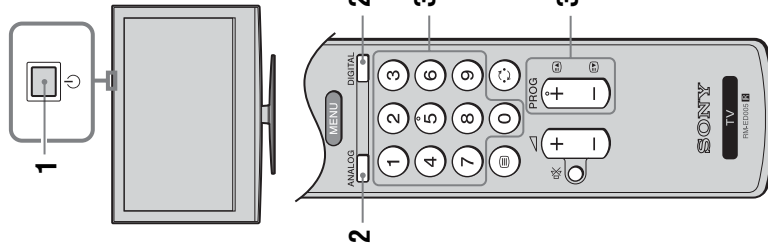
No digital or analogue channels were found. Check all the aerial connections and press \oplus to start auto-tuning again.

- 3 When the Programme Sorting menu appears on the screen, follow the steps of “Programme Sorting” (page 29).

If you do not wish to change the order in which the analogue channels are stored on the TV, go to step 3.

- 4 Press MENU to exit. The TV has now tuned in all the available channels.

Watching TV



- 1 Press Δ/∇ on the TV (top side) to switch on the TV.

When the TV is in standby mode (the Δ/∇ (standby) indicator on the TV (front) is red), press Δ/∇ on the remote to switch on the TV.

- 2 Press DIGITAL to switch to digital mode or ANALOG to switch to analogue mode.

The channels available vary depending on the mode.

- 3 Press the number buttons or PROG Δ/∇ to select a TV channel.

To select channel numbers 10 and above using the number buttons, enter the second and third digits within two seconds.

To select a digital channel using the Digital Electronic Programme Guide (EPC), see page 16.

In digital mode

An information banner appears briefly. The following icons may be indicated on the banner.

: Interactive service is available (MHEG Digital Text)

: Interactive service (MHEG Digital Text) is currently disabled

: Radio service

: Scrambled/Subscription service

: Multiple audio languages available

: Subtitles available

: Subtitles available for the hearing impaired

: Recommended minimum age for current programme (from 4 to 18 years)

: Parental Lock

: Current programme is being recorded

Additional operations

To	Do this
Turn off the TV temporarily (Standby mode)	Press Δ/∇ .
Turn on the TV from Standby mode without sound	Press Δ/∇ . Press Δ/∇ to set the volume level.
Turn off the TV completely	Press Δ/∇ on the TV (top side).
Adjust the volume	Press Δ/∇ + (increase)/- (decrease).
Mute the sound	Press Δ/∇ . Press again to restore.
Access the Programme index table (in analogue mode only)	Press Δ/∇ . To select an analogue channel, press Δ/∇ , then press Δ/∇ . To access the Input signal index table, see page 19.

Checking the Digital Electronic Programme Guide (EPG) DV3*



- 1 In digital mode, press **[OK]** to display the Digital Electronic Programme Guide (EPG).
- 2 Perform the desired operation, as shown in the following table.

Note

Programme information will only be displayed if the TV station is transmitting it.

Digital Electronic Programme Guide (EPG)

* Please note that this function may not be available in some countries.

To	Do this
Turn off the EPG	Press [OFF] .
Move through the EPG	Press [Left] / [Right] / [Up] / [Down] .
Watch a current programme	Press [Enter] while the current programme is selected.
Sort the programme information by category – Category list	<ol style="list-style-type: none">1 Press the blue button.2 Press [Left]/[Right]/[Up]/[Down] to select a category. The category name is displayed on the side. The categories available include: “Favourite”: Contains all the channels that have been stored in the Favourite list (page 18). “All Categories”: Contains all available channels. “News”: Contains all news channels.3 Press [Enter]. The Digital Electronic Programme Guide (EPG) now only displays the current programmes from the category selected.

Set a programme to be recorded – Timer REC	<ol style="list-style-type: none">1 Press [Left]/[Right]/[Up]/[Down] to select the future programme you want to record.2 Press [Enter].3 Press [Left]/[Right] to select “Timer REC”.4 Press [Enter] to set the TV and your VCR timers. A [TV] symbol appears by that programme’s information. The [VCR] indicator on the TV (front) lights up.
--	---

Notes

- You can set VCR timer recording on the TV only for Smartlink compatible VCRs. If your VCR is not Smartlink compatible, a message will be displayed to remind you to set your VCR timer.
- Once a recording has begun, you can switch the TV to standby mode, but do not switch off the TV completely or the recording may be cancelled.
- If an age restriction for programmes has been selected, a message asking for pin code will appear on the screen. For more details refer to “Parental Lock” on page 32.

Using the Tools menu

Press **TOOLS** to display the following options when viewing pictures from connected equipment other than PC.

Options	Description
Power Saving	See page 27.
Picture Mode	See page 21.
Sound Mode	See page 23.
Auto Clock Set (in analogue mode only)	Allows you to switch to digital mode and obtain the time.
Sleep Timer	See page 26.
[V] Volume	See page 24.

Viewing pictures from connected equipment

Switch on the connected equipment, then perform one of the following operation.

For equipment connected to the scart sockets using a fully-wired 21-pin scart lead

Start playback on the connected equipment.

The picture from the connected equipment appears on the screen.

For an auto-tuned VCR (page 6)

In analogue mode, press **PROG +/-**, or the number buttons, to select the video channel.

For other connected equipment

Press **[Left]**/**[Right]**/**[Up]**/**[Down]** repeatedly until the correct input symbol (see below) appears on the screen.

[Left] AV1/**[Right]** AV1, **[Up]** AV2/**[Down]** AV2:
Audio/video or RGB input signal through the scart socket **[Left]**/**[Right]** 1 or 2. **[Up]**/**[Down]** appears only if an RGB source has been connected.

[Left] AV 3:

Component input signal through the Y, Pb/Cb, Pr/Cr sockets **[Left]**/**[Right]** 3, and audio input signal through the L, R sockets **[Up]**/**[Down]** 3.

[Left] AV 4:

Digital audio/video signal is input through the HDMI IN 4 socket. Audio input signal is analogue only if the equipment has been connected using the DVI and audio out socket.

[Left] AV5/S[Right] AV5:

Video input signal through the video socket **[Left]** 5, and audio input signal through the L (MONO), R audio sockets **[Up]** 5, S **[Down]** appears only if the equipment is connected to the S video socket S **[Left]** 5 instead of the video socket **[Left]** 5, and S video input signal is input through the S video socket S **[Left]** 5.

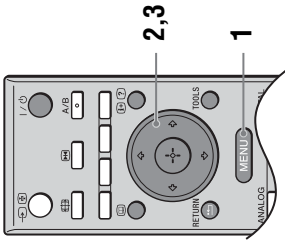
Additional operations

To	Do this
Return to the normal TV operation	Press DIGITAL or ANALOG .
Access the Input signal index table	Press [Up] to access the Input signal index table. (Then, only in analogue mode, press [Left] .) To select an input source, press [Left] / [Right] , then press [Enter] .

Navigating through menus

“MENU” allows you to enjoy various convenient features of this TV. You can easily select channels or external inputs with the remote. Also, settings for your TV can be changed easily using “MENU”.

- 1 Press MENU to display the menu.

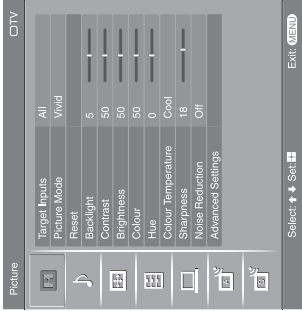


- 2 Press to select an option.
 - 3 Press to confirm a selected option.
- To exit the menu, press MENU.

Menu	Description
Digital Favourites (only in areas with digital broadcasting)	Launches the Favourite list. For details about settings, see page 18.
Programme List (only in areas with analogue broadcasting)	Allows you to select TV programs from a list of channel labels. <ul style="list-style-type: none">• To watch the desired channel, select the channel, then press .• To assign a label to a program, see page 29.
Analogue (only in areas with digital broadcasting)	Returns to the last viewed analogue channel.
Digital (only in areas with digital broadcasting)	Returns to the last viewed digital channel.
Digital EPG (only in areas with digital broadcasting)	Launches the Digital Electronic Programme Guide (EPG). For details about settings, see page 16.
External Inputs	Selects equipment connected to your TV. <ul style="list-style-type: none">• To watch the desired external input, select the input source, then press .• To assign a label to an external input, see page 26.
Settings	Opens the Settings menu screen where most of advanced settings and adjustments are performed. Select a menu icon, select an option and make the desired change or adjustment using /. For details about settings, see page 21 to 32.

Picture menu

You can select the options listed below on the Picture menu. To select options in “Settings”, see “Navigating through menus” (page 20).



Target Inputs

Selects whether to apply settings made in the Picture menu to all inputs, or only to the input currently being watched.
“All”: Applies settings to all inputs.
“Viewing Only”: Applies settings only to the current input.

Picture Mode

Selects the picture mode.
“Vivid”: For enhanced picture contrast and sharpness.
“Standard”: For standard picture. Recommended for home entertainment.
“Custom”: Allows you to store your preferred settings.

Reset

Resets all picture settings except “Picture Mode” to the factory settings.

Backlight

Adjusts the brightness of the backlight.

Contrast

Increases or decreases picture contrast.

Brightness

Brightens or darkens the picture.

Colour

Increases or decreases colour intensity.

Hue

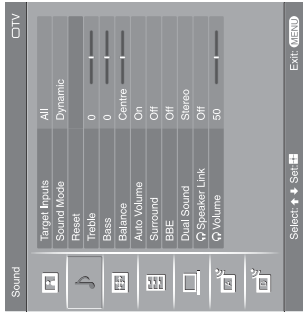
Increases or decreases the green tones.
Tip
“Hue” can only be adjusted for an NTSC colour signal (e.g., U.S.A. video tapes).

Colour Temperature

Adjusts the whiteness of the picture.
“Cool”: Gives the white colours a blue tint.
“Neutral”: Gives the white colours a neutral tint.
“Warm1”/“Warm2”: Gives the white colours a red tint. “Warm2” gives a redder tint than “Warm1”.
Tip
“Warm1” and “Warm2” can only be selected when you set “Picture Mode” to “Custom”.

Sound menu

You can select the options listed below on the Sound menu. To select options in “Settings”, see “Navigating through menus” (page 20).



Target Inputs

Selects whether to apply settings made in the Sound menu to all inputs, or only to the input currently being watched.
“All”: Applies settings to all inputs.
“Viewing Only”: Applies settings only to the current input.

Sound Mode

Selects the sound mode.
“Dynamic”: Enhances treble and bass.
“Standard”: For standard sound. Recommended for home entertainment.
“Custom”: Flat response. Also allows you to store your preferred settings.

Reset

Resets all the sound settings to the factory settings.

Treble

Adjusts higher-pitched sounds.

Bass

Adjusts lower-pitched sounds.

Balance

Emphasizes left or right speaker balance.

Auto Volume

Keeps a constant volume level even when volume level gaps occur (e.g., adverts tend to be louder than programmes).

Surround

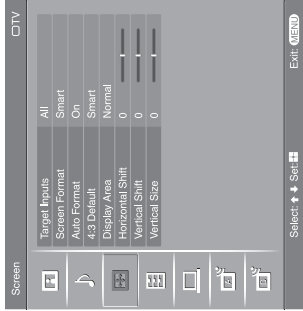
Selects the surround mode.
“TruSurround XT”: For surround sound (for stereo programmes only).
“Simulated Stereo”: Adds a surround-like effect to mono programmes.
“Off”: For normal stereo or mono reception.

BBE

Gives sound more impact by compensating for phase effects in speakers using the “BBE High Definition Sound System”.

Screen menu

You can select the options listed below on the Screen menu. To select options in “Settings”, see “Navigating through menus” (page 20).



Target Inputs

Selects whether to apply settings made in the Screen menu to all inputs, or only to the input currently being watched.
“All”: Applies settings to all inputs.
“Viewing Only”: Applies settings only to the current input.


Screen Format

For details about the screen format, see “To change the screen mode manually to suit the broadcast” (page 14).

Auto Format

Automatically changes the screen format according to the broadcast signal. To keep your setting, select “Off”.

Tips

- Even if you have selected “On” or “Off” in “Auto Format”, you can always modify the format of the screen by pressing  repeatedly.
- “Auto Format” is available for PAL and SECAM signals only.

4:3 Default

Selects the default screen mode for use with 4:3 broadcasts.
“Smart”: Displays conventional 4:3 broadcasts with an initiation wide screen effect.
“4:3”: Displays conventional 4:3 broadcasts in the correct proportions.
“Off”: Keeps the current “Screen Format” setting when the channel or input is changed.

Tip

This option is available only if “Auto Format” is set to “On”.

Display Area

Adjusts the screen area displaying the picture.
“Normal”: Displays the picture in the original size.
“_1”/“_2”: Enlarges the picture to hide the edge of the picture.

Horizontal Shift

Adjusts the horizontal position of the picture for each screen format.

Vertical Shift

Adjusts the vertical position of the picture when the screen format is set to Zoom or 14:9.

Vertical Size

Adjusts the vertical size of the picture.

Set-up menu



You can select the options listed below on the Set-up menu. To select options in “Settings”, see “Navigating through menus” (page 20).

Auto Start-up

Starts the “first time operation menu” to select the language and country/region, and tune in all available digital and analogue channels. Usually, you do not need to do this operation because the language and country/region will have been selected and channels already tuned when the TV was first installed (page 5, 6). However, this option allows you to repeat the process (e.g., to retune the TV after moving house, or to search for new channels that have been launched by broadcasters).

Language

Selects the language in which the menus are displayed.

AV Preset

Assigns a name to any equipment connected to the side and rear sockets. The name will be displayed briefly on the screen when the equipment is selected. You can skip an input source that is not connected to any equipment.

- 1 Press \uparrow/\downarrow to select the desired input source, then press \odot .
- 2 Press \uparrow/\downarrow to select the desired option below, then press \odot .

Equipment labels: Uses one of the preset labels to assign a name to connected equipment.

“Edit”: Creates your own label. Follow steps 2 to 4 of “Programme Labels” (page 29).

“Skip”: Skips an input source that is not connected to any equipment when you press \rightarrow to select the input source.

Auto S Video

Selects the input signal from S video sockets S- \rightarrow 5 when S- \rightarrow 5/ \rightarrow 5 sockets are both connected.

Timer Settings

Sets the timer to turn on/off the TV.

Sleep Timer

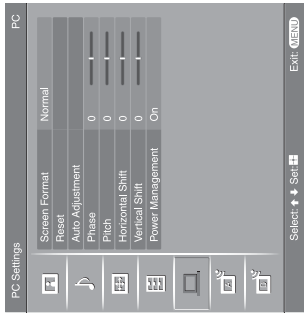
Sets a period of time after which the TV automatically switches itself into standby mode.

When the Sleep Timer is activated, the \odot (Timer) indicator on the TV (front) lights up in orange.

Tips

- If you switch off the TV and switch it on again, “Sleep Timer” is reset to “Off”.
- “TV will soon turn off by sleep timer.” appears on the screen one minute before the TV switches to standby mode.

PC Settings menu



You can select the options listed below on the PC Settings menu. To select options in “Settings”, see “Navigating through menus” (page 20).

Screen Format

Selects a screen mode for displaying input from your PC.

“Normal”: Displays the picture in its original size.

“Full1”: Enlarges the picture to fill the display area, keeping its original horizontal-to-vertical aspect ratio.

“Full2”: Enlarges the picture to fill the display area.

Reset

Resets all the PC settings to the factory settings.

Auto Adjustment

Automatically adjusts the display position and phase of the picture when the TV receives an input signal from the connected PC.

Tip

Auto Adjustment may not work well with certain input signals. In such cases, manually adjust “Phase”, “Pitch”, “Horizontal Shift” and “Vertical Shift”.

Phase

Adjusts the phase when the screen flickers.

Pitch

Adjusts the pitch when the picture has unwanted vertical stripes.

Horizontal Shift

Adjusts the horizontal position of the picture for each screen format.

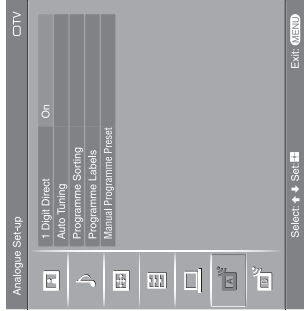
Vertical Shift

Adjusts the vertical position of the picture for each screen format.

Power Management

Switches the TV to standby mode if no signal is received for 30 seconds.

Analogue Set-up menu (Analogue mode only)



You can change/set the analogue settings using the Analogue Set-up menu. To select options in "Settings", see "Navigating through menus" (page 20).

1 Digit Direct

When "1 Digit Direct" is set to "On", you can select an analogue channel using one preset number button (0 - 9) on the remote.

Note

When "1 Digit Direct" is set to "On", you cannot select channel numbers 10 and above entering two digits using the remote.

Auto Tuning

Tunes in all the available analogue channels. Usually you do not need to do this operation because the channels are already tuned when the TV was first installed (page 5, 6). However, this option allows you to repeat the process (e.g., to retune the TV after moving house, or to search for new channels that have been launched by broadcasters).

Programme Sorting

Changes the order in which the analogue channels are stored on the TV.

- 1 Press \uparrow/\downarrow to select the channel you want to move to a new position, then press \oplus .
- 2 Press \uparrow/\downarrow to select the new position for your channel, then press \oplus .

Programme Labels

Assigns a channel name of your choice up to five letters or numbers. The name will be displayed briefly on the screen when the channel is selected. (Names for channels are usually taken automatically from Analogue Text (if available)).

- 1 Press \uparrow/\downarrow to select the channel you want to name, then press \oplus .
- 2 Press \uparrow/\downarrow to select the desired letter or number (" " for a blank space), then press \oplus .

If you input a wrong character

Press \leftarrow/\rightarrow to select the wrong character. Then, press \uparrow/\downarrow to select the correct character.

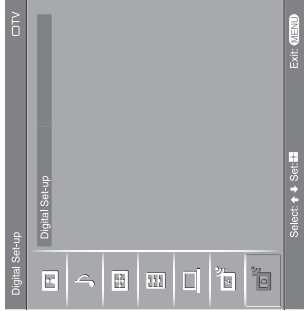
To delete all the characters

Select "Reset", then press \oplus .

- 3 Repeat the procedure in step 2 until the name is complete.

- 4 Select "OK", then press \oplus .

Digital Set-up menu DVB



You can change/set the digital settings using the Digital Set-up menu. To select options in "Settings", see "Navigating through menus" (page 20).

Digital Tuning

Displays the "Digital Tuning" menu.

Digital Auto Tuning

Tunes in all the available digital channels.

Usually you do not need to do this operation because the channels are already tuned when the TV was first installed (page 6). However, this option allows you to repeat the process (e.g., to retune the TV after moving house, or to search for new channels that have been launched by broadcasters).

Programme List Edit

Removes any unwanted digital channels stored on the TV, and changes the order of the digital channels stored on the TV.

- 1 Press \uparrow/\downarrow to select the channel you want to remove or move to a new position.

If you know the programme number (frequency)

Press the number buttons to enter the three-digit programme number of the broadcast you want.

- 2 Remove or change the order of the digital channels as follows:

To remove the digital channel

Press \ominus . A message that confirms whether the selected digital channel is to be deleted appears. Press \leftarrow/\rightarrow to select "Yes", then press \oplus .

To change the order of the digital channels

Press \ominus , then press \uparrow/\downarrow to select the new position for the channel and press \oplus . Repeat the procedure in steps 1 and 2 to move other channels if required.

- 3 Press RETURN.

Digital Manual Tuning

Tunes the digital channels manually.

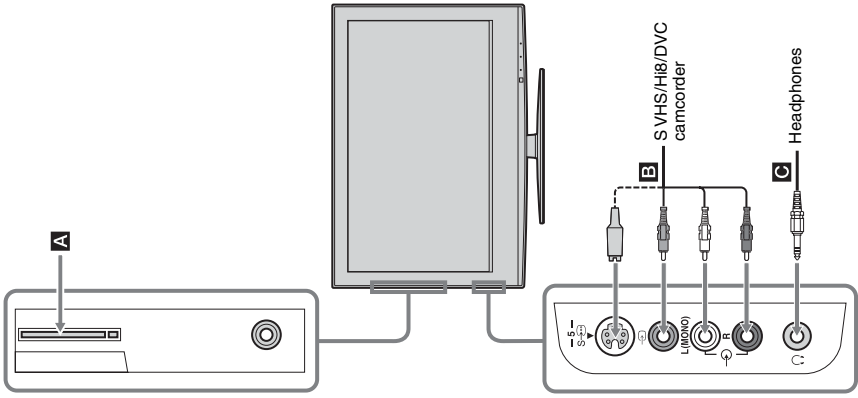
- 1 Press the number button to select the channel number you want to manually tune, then press \uparrow/\downarrow to tune the channel.
- 2 When the available channels are found, press \uparrow/\downarrow to select the channel you want to store, then press \oplus .
- 3 Press \uparrow/\downarrow to select the programme number where you want to store the new channel, then press \oplus .

Repeat the procedure above to tune other channels manually.

Connecting optional equipment

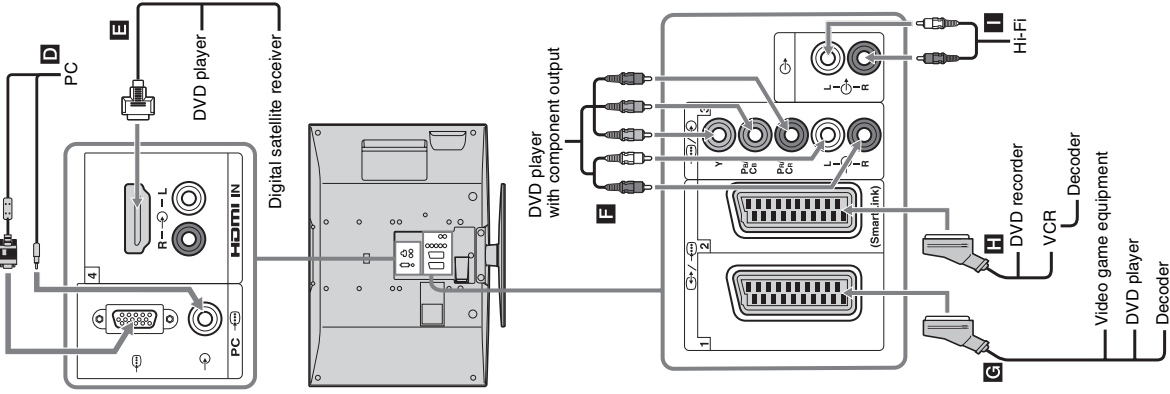
You can connect a wide range of optional equipment to your TV. Connecting cables are not supplied.

Connecting to the TV (side)



To connect	Do this
Conditional Access Module (CAM) A	To use Pay Per View services. For details, refer to the instruction manual supplied with your CAM. To use the CAM, remove the rubber cover from the CAM slot. Switch off the TV when inserting your CAM into the CAM slot. When you do not use the CAM, we recommend that you replace the cover on the CAM slot.
S VHS/H8/DVC camcorder B	Connect to the S video socket \rightarrow S, the video socket \rightarrow V, and the audio sockets \rightarrow L and \rightarrow R. To avoid picture noise, do not connect the camcorder to the video socket \rightarrow S and the S video socket \rightarrow S at the same time. If you connect mono equipment, connect to the L socket \rightarrow L.
Headphones C	Connect to the \rightarrow socket to listen to sound from the TV on headphones.

Connecting to the TV (rear)



To connect	Do this
PC D	Connect to the PC \rightarrow socket. It is recommended to use a PC cable with ferrites.
Digital satellite receiver or DVD player E	Connect to the HDMI IN 4 socket if the equipment has a HDMI socket. The digital video and audio signals are input from the equipment. If the equipment has a DVI socket, connect the DVI socket to the HDMI IN 4 socket through a DVI - HDMI adaptor interface (not supplied), and connect the equipment's audio out sockets to the audio in HDMI IN 4 sockets.
DVD player with component output F	Note The HDMI sockets only support the following video inputs: 480i, 480p, 576i, 576p, 720p and 1080i. To connect a PC, please use the PC input socket.
Video game equipment, DVD player or decoder G	Connect to the component sockets and the audio sockets \rightarrow L and \rightarrow R. When you connect the decoder, the scrambled signal from the TV tuner is output to the decoder, then the unscrambled signal is output from the decoder.
DVD recorder or VCR that supports SmartLink H	Connect to the smart socket \rightarrow SmartLink. SmartLink is a direct link between the TV and a VCR/DVD recorder.
Hi-Fi audio equipment I	Connect to the audio output sockets \rightarrow L and \rightarrow R to listen to the sound from the TV on Hi-Fi audio equipment.

Additional Information

Specifications

Display Unit

Power Requirements:
220–240 V AC, 50 Hz

Screen Size:

KDL-46S2000/KDL-46S2010:
46 inches (Approx. 116.9 cm measured diagonally)

KDL-40S2000/KDL-40S2010:
40 inches (Approx. 101.6 cm measured diagonally)

KDL-32S2000/KDL-32S2010:
32 inches (Approx. 80.1 cm measured diagonally)

KDL-26S2000/KDL-26S2010:
26 inches (Approx. 66.1 cm measured diagonally)

Display Resolution:
1,366 dots (horizontal) × 768 lines (vertical)

Power Consumption:

KDL-46S2000/KDL-46S2010: 250 W

KDL-40S2000/KDL-40S2010: 180 W

KDL-32S2000/KDL-32S2010: 125 W

KDL-26S2000/KDL-26S2010: 100 W

Standby Power Consumption:
0.3 W

Dimensions (w × h × d):

KDL-46S2000/KDL-46S2010:
Approx. 1,120 × 805 × 334 mm (with stand)
Approx. 1,120 × 755 × 116 mm (without stand)

KDL-40S2000/KDL-40S2010:
Approx. 988 × 716 × 334 mm (with stand)
Approx. 988 × 664 × 103 mm (without stand)

KDL-32S2000/KDL-32S2010:
Approx. 792 × 593 × 219 mm (with stand)
Approx. 792 × 546 × 99 mm (without stand)

KDL-26S2000/KDL-26S2010:
Approx. 658 × 516 × 219 mm (with stand)
Approx. 658 × 470 × 94 mm (without stand)

Mass:

KDL-46S2000/KDL-46S2010:
Approx. 34 kg (with stand)

KDL-40S2000/KDL-40S2010:
Approx. 28 kg (without stand)

KDL-32S2000/KDL-32S2010:
Approx. 27 kg (with stand)

KDL-26S2000/KDL-26S2010:
Approx. 21 kg (without stand)

KDL-32S2000/KDL-32S2010:
Approx. 17 kg (with stand)

KDL-26S2000/KDL-26S2010:
Approx. 15 kg (without stand)

KDL-32S2000/KDL-32S2010:
Approx. 13 kg (with stand)

KDL-26S2000/KDL-26S2010:
Approx. 11 kg (without stand)

Panel System

LCD (Liquid Crystal Display) Panel

TV System

Analogue:
Depending on your country/region selection:
B/G/H, D/K, L, I

Digital:
DVB-T

Colour/Video System

Analogue: PAL, SECAM

Digital: NTSC 3.58, 4.43 (only Video In)

Aerial: MPEG-2 MP@ML


75 ohm external terminal for VHF/UHF


Channel Coverage


Analogue: VHF: E2–E12
UHF: E21–E69
CATV: S1–S20
HYPER: S21–S41
D/K: R1–R12, R21–R69
L: F2–F10, B–Q, F21–F69
I: UHF B21–B69


Digital: VHF/UHF

Terminals

 21-pin Smart connector (CENELEC standard) including audio/video input, RGB input, and TV audio/video output.

 21-pin Smart connector (CENELEC standard) including audio/video input, RGB input, selectable audio/video output, and SmartLink interface.

 Supported formats: 1080i, 720p, 576p, 576i, 480p, 480i
Y: 1 Vp-p, 75 ohms, 0.3 V negative sync
Pb/Cr: 0.7 Vp-p, 75 ohms
Pr/Cb: 0.7 Vp-p, 75 ohms


 Audio input (phono jacks)
500 mVrms


Impedance: 47 kilo ohms


HDMI IN 4


Video: 1080i, 720p, 576p, 576i, 480p, 480i


Audio: Two channel linear PCM
32, 44.1 and 48 KHz, 16, 20 and 24 bits, or analogue audio input (phono jacks)

 S-video input (4-pin mini DIN)


 Video input (phono jacks)


 Audio input (phono jacks)


 Audio output (Left/Right) (phono jacks)

 PC Input (15 Dsub) (see page 37)

G: 0.7 Vp-p, 75 ohms, non Sync on Green
B: 0.7 Vp-p, 75 ohms, non Sync on Green
R: 0.7 Vp-p, 75 ohms, non Sync on Green
HD: 1.5 Vp-p
VD: 1.5 Vp-p

 PC audio input (mini-jack)

 Headphones jack

 CAM (Conditional Access Module) slot

Sound Output

10 W + 10 W

Supplied Accessories

Refer to “I: Checking the accessories” on page 4.

Optional Accessories

- Wall-Mount Bracket
SU-WL51 (for KDL-46S2000/KDL-46S2010/
KDL-40S2000/KDL-40S2010)
- SU-WL31 (for KDL-32S2000/KDL-32S2010/
KDL-26S2000/KDL-26S2010)


Design and specifications are subject to change without notice.

PC Input Signal Reference Chart

Signals	Horizontal (Pixel)	Vertical (Line)	Horizontal frequency (kHz)	Vertical frequency (Hz)	Standard
VGA	640	480	31.5	60	VGA
	640	480	37.5	75	VESA
	720	400	31.5	70	VGA-T
SVGA	800	600	37.9	60	VESA Guidelines
	800	600	46.9	75	VESA
XGA	1024	768	48.4	60	VESA Guidelines
	1024	768	56.5	70	VESA
WXGA	1280	768	47.4	60	VESA
	1280	768	47.8	60	VESA
	1360	768	47.7	60	VESA


- This TV's PC input does not support Sync on Green or Composite Sync.
- This TV's PC input does not support interlaced signals.
- This TV's PC input supports the boldfaced signals in the above chart with a 60 Hz vertical frequency.
- For the best picture quality, it is recommended to use signals with a 60 Hz vertical frequency from a personal computer. In plug and play, signals with a 60 Hz vertical frequency will be selected automatically.

Troubleshooting


Check whether the  (standby) indicator is flashing in red.

When it is flashing

The self-diagnosis function is activated.

1 Measure how long the  (standby) indicator flashes and stops flashing.








For example, the indicator flashes for two seconds, stops flashing for one second, and flashes for two seconds.



2 Press  on the TV (top side) to switch it off, disconnect the mains lead, and inform your dealer or Sony service centre of how the indicator flashes (duration and interval).

When it is not flashing

- 1 Check the items in the tables below.
- 2 If the problem still persists, have your TV serviced by qualified service personnel.

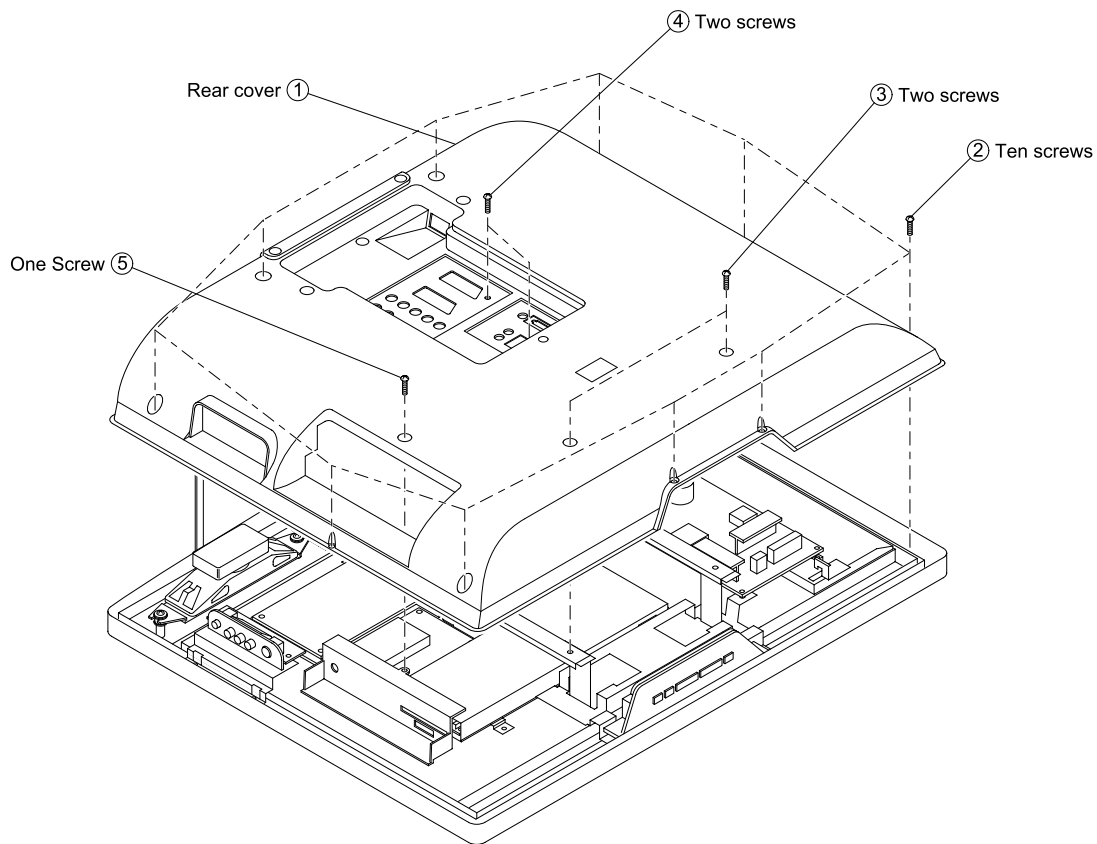
Picture

Problem	Cause/Remedy
No picture (screen is dark) and no sound	<ul style="list-style-type: none"> • Check the aerial connection. • Connect the TV to the mains, and press  on the TV (top side). • If the  (standby) indicator lights up in red, press  repeatedly until the correct input symbol is displayed on the screen. • Check the connection between the optional equipment and the TV.
No picture or no menu information from equipment connected to the scart connector	<ul style="list-style-type: none"> • Check that the optional equipment is on and press  repeatedly until the correct input symbol is displayed on the screen. • Check the connection between the optional equipment and the TV.
Double images or ghosting	<ul style="list-style-type: none"> • Check aerial/cable connections. • Check the aerial location and direction.
Only snow and noise appear on the screen	<ul style="list-style-type: none"> • Check if the aerial is broken or bent. • Check if the aerial has reached the end of its serviceable life (three to five years in normal use, one to two years at the seaside).
Distorted picture (dotted lines or stripes)	<ul style="list-style-type: none"> • Keep the TV away from electrical noise sources such as cars, motorcycles, hair-dryers or optical equipment. • When installing optional equipment, leave some space between the optional equipment and the TV. • Make sure that the aerial is connected using the supplied coaxial cable. • Keep the aerial cable away from other connecting cables.
Picture noise when viewing a TV channel	<ul style="list-style-type: none"> • Select "Manual Programme Preset" in the "Analogue Set-up" menu and adjust "AFT" (Automatic Fine Tuning) to obtain better picture reception (page 30).
Some tiny black points and/or bright points on the screen	<ul style="list-style-type: none"> • The picture of a display unit is composed of pixels. Tiny black points and/or bright points (pixels) on the screen do not indicate a malfunction.
No colour on programmes	<ul style="list-style-type: none"> • Select "Reset" in the "Picture" menu to return to the factory settings (page 21).
No colour or irregular colour when viewing a signal from the Y, Pb/Cb, Pr/Cr jacks of 	<ul style="list-style-type: none"> • Check the connection of the Y, Pb/Cb, Pr/Cr jacks of . • Make sure that the Y, Pb/Cb, Pr/Cr jacks of  are firmly seated in their respective sockets.

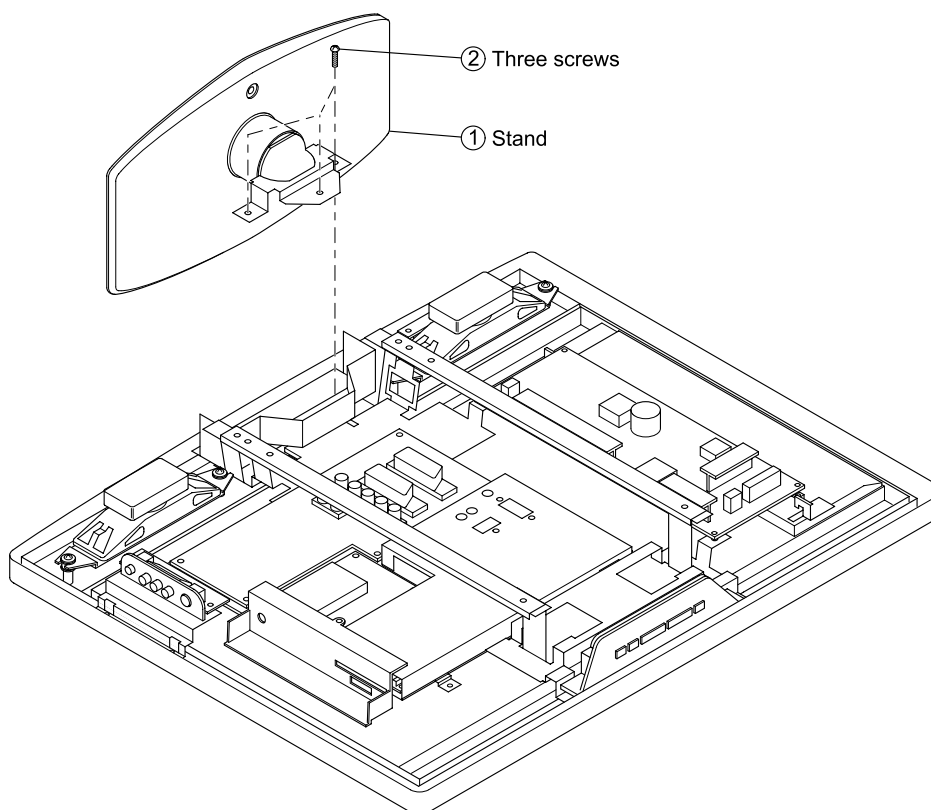
Sound	
Problem	Cause/Remedy
No sound, but good picture	<ul style="list-style-type: none"> • Press  or  (Mute). • Check that "Speaker" is set to "On" in the "Set-up" menu (page 27).
Noisy sound	<ul style="list-style-type: none"> • See the "Picture noise" causes/remedies on page 38.
Channels	
Problem	Cause/Remedy
The desired channel cannot be selected	<ul style="list-style-type: none"> • Switch between digital and analogue mode and select the desired digital/analogue channel.
Some channels are blank	<ul style="list-style-type: none"> • Scrambled/Subscription only channel. Subscribe to the Pay Per View service. • Channel is used only for data (no picture or sound). • Contact the broadcaster for transmission details.
Digital channel is not displayed	<ul style="list-style-type: none"> • Contact a local installer to find out if digital transmissions are provided in your area. • Upgrade to a higher gain aerial.
General	
Problem	Cause/Remedy
The TV turns off automatically (the TV enters standby mode)	<ul style="list-style-type: none"> • Check if the "Sleep Timer" is activated, or confirm the "Duration" setting of "On Timer" (page 26). • If no signal is received and no operation is performed in the TV mode for 10 minutes, the TV automatically switches to standby mode.
The TV turns on automatically	<ul style="list-style-type: none"> • Check if the "On Timer" is activated (page 27).
Some input sources cannot be selected	<ul style="list-style-type: none"> • Select "AV Preset" in the "Set-up" menu and cancel "Skip" of the input source (page 26).
The remote does not function	<ul style="list-style-type: none"> • Replace the batteries.

SECTION 2 DISASSEMBLY

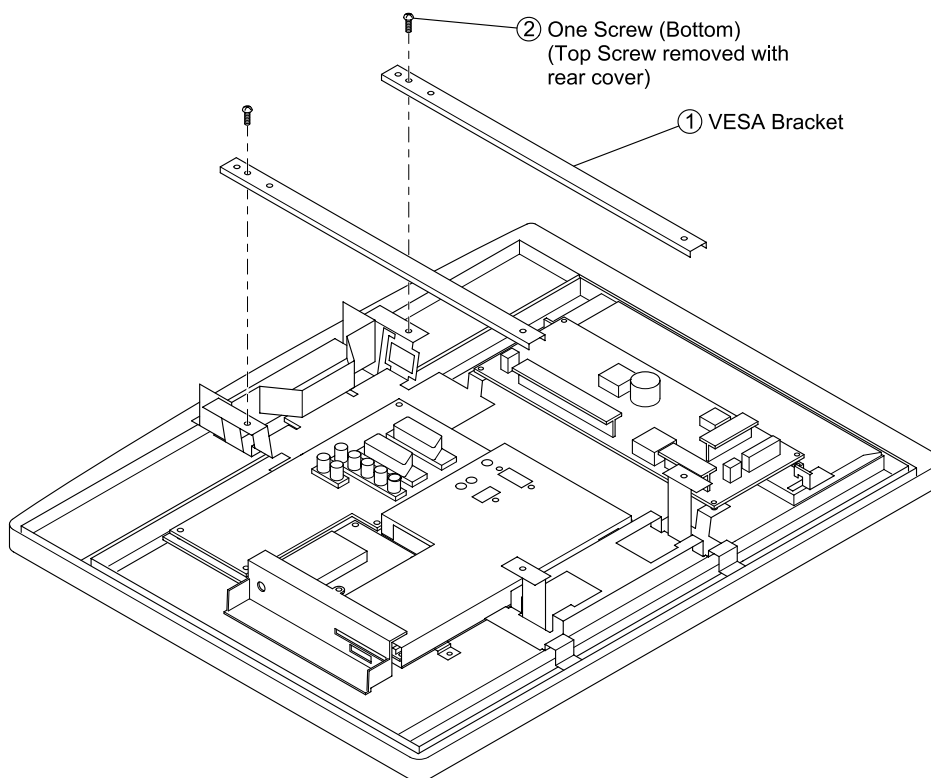
2-1. REAR COVER REMOVAL



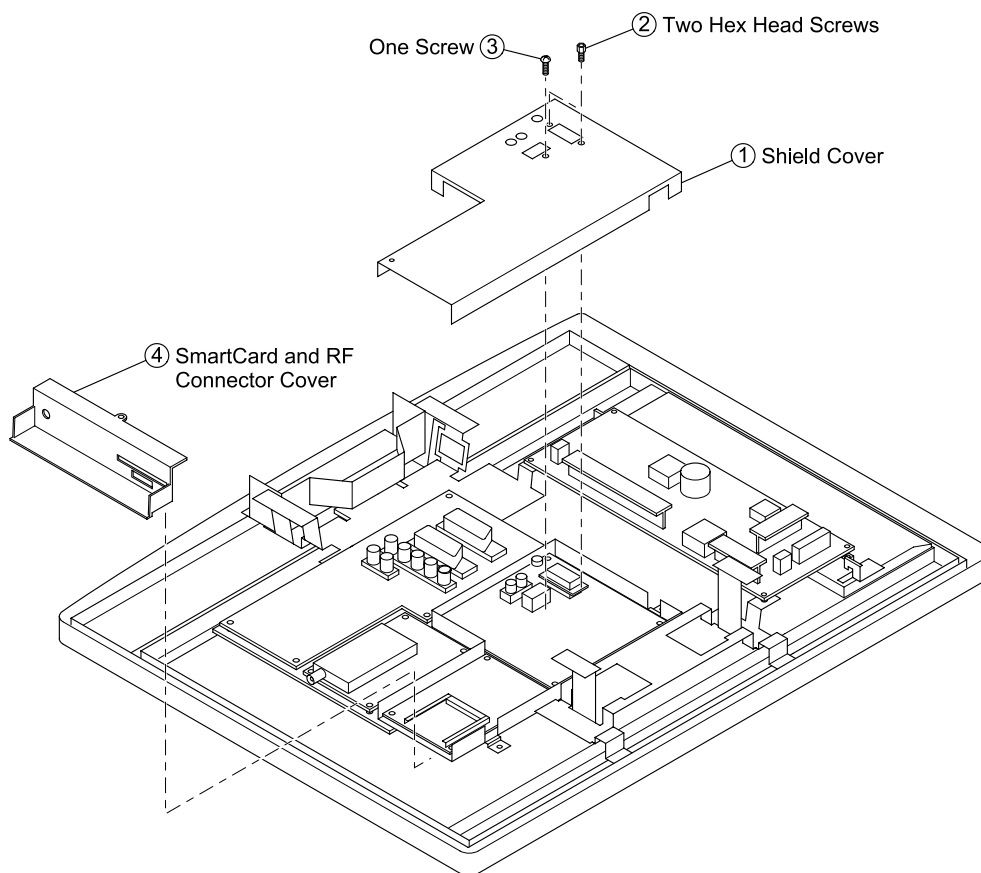
2-2. STAND REMOVAL



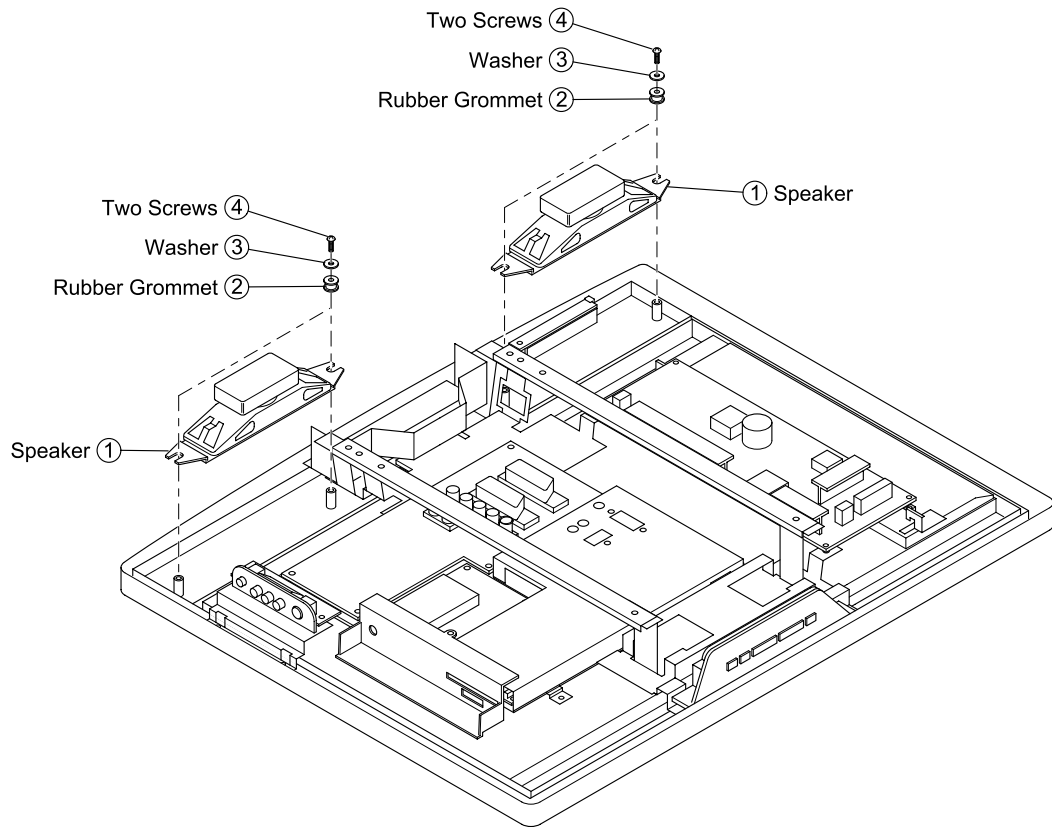
2-3. VESA BRACKET REMOVAL



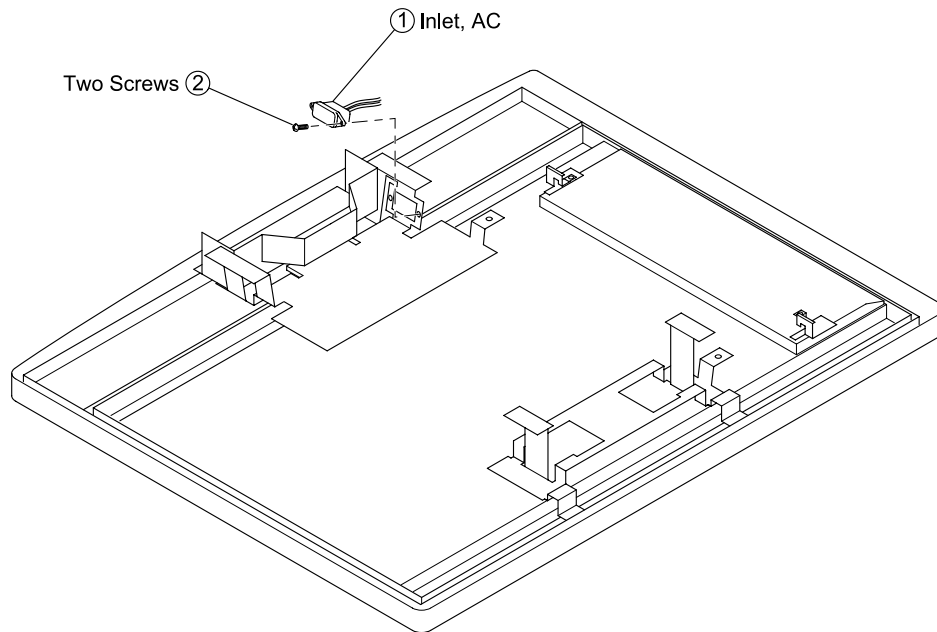
2-4. SHIELD COVER REMOVAL



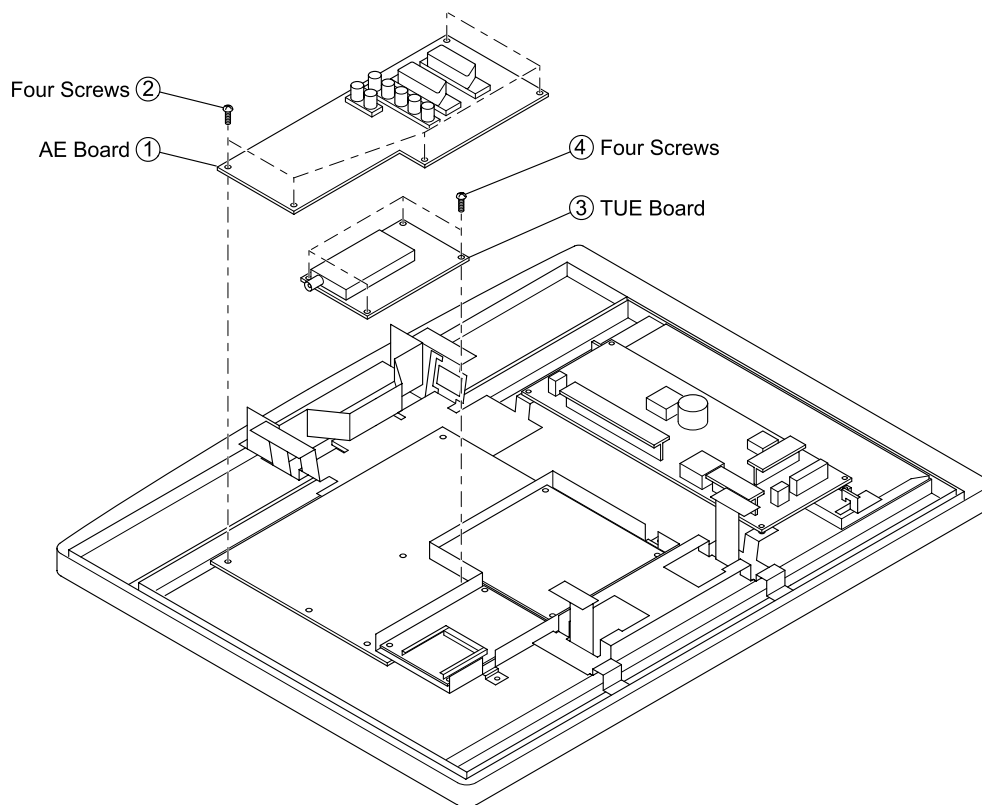
2-5. SPEAKER REMOVAL



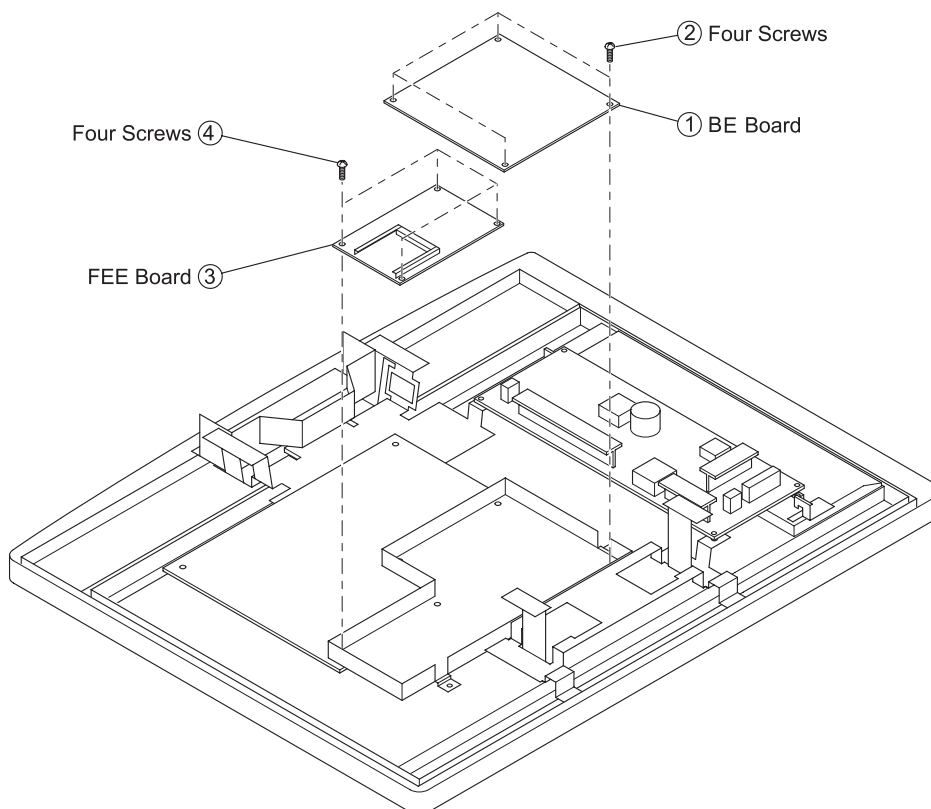
2-6. AC INLET REMOVAL



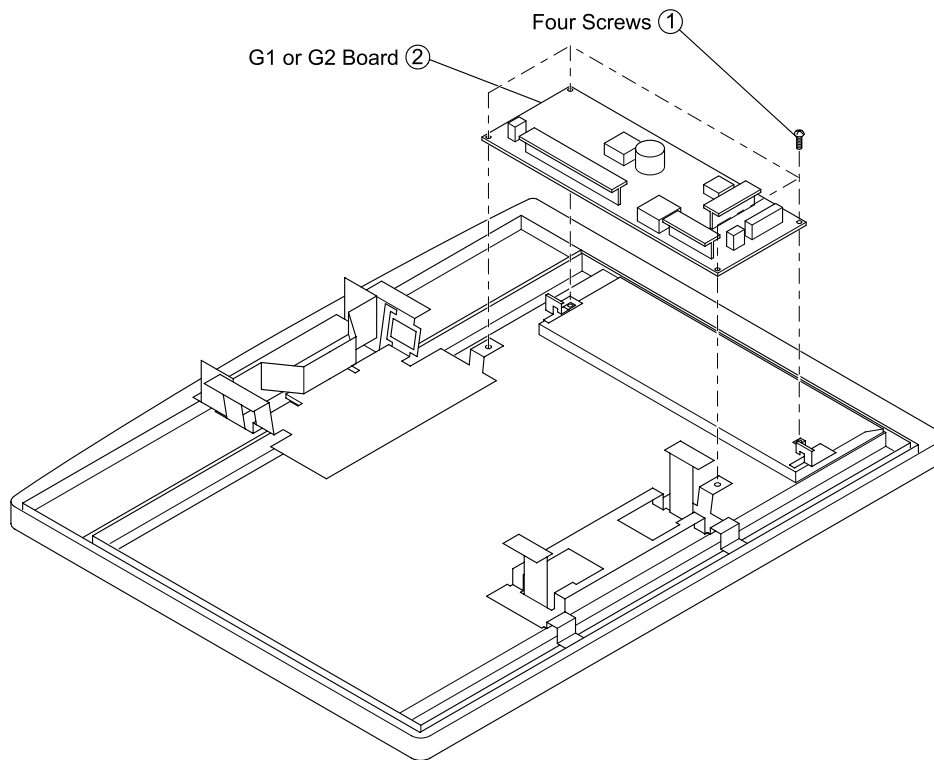
2-7. AE and TUE BOARD REMOVAL



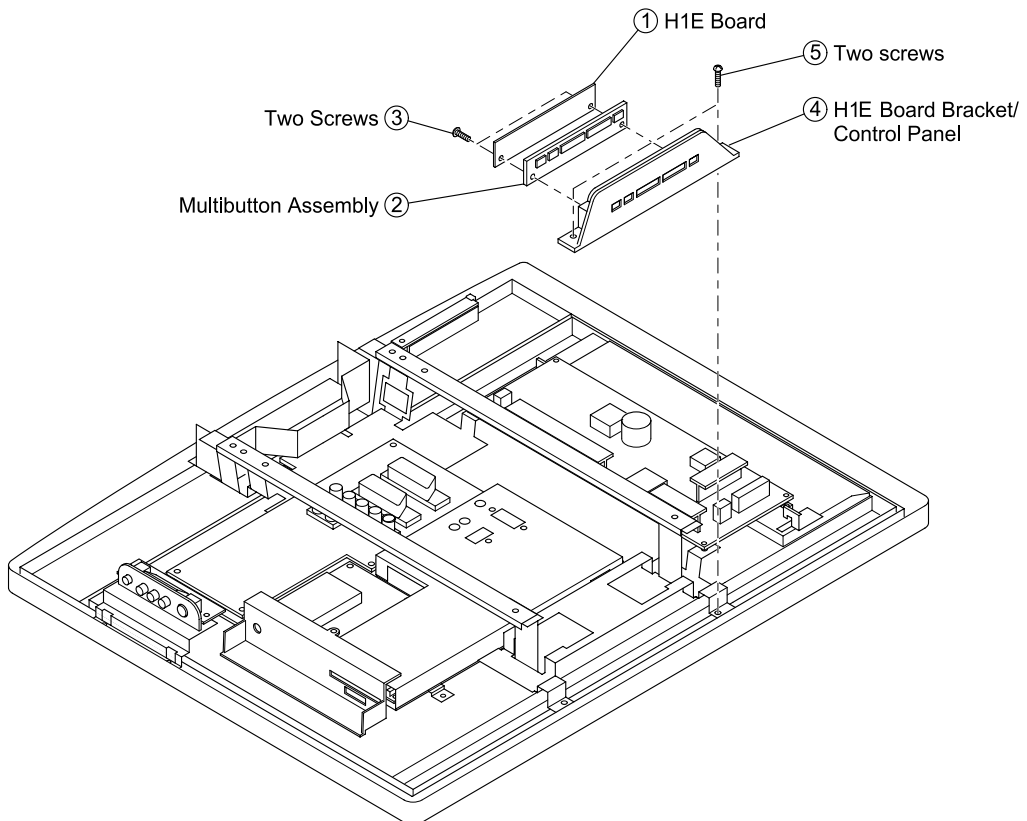
2-8. BE and FEE BOARD REMOVAL



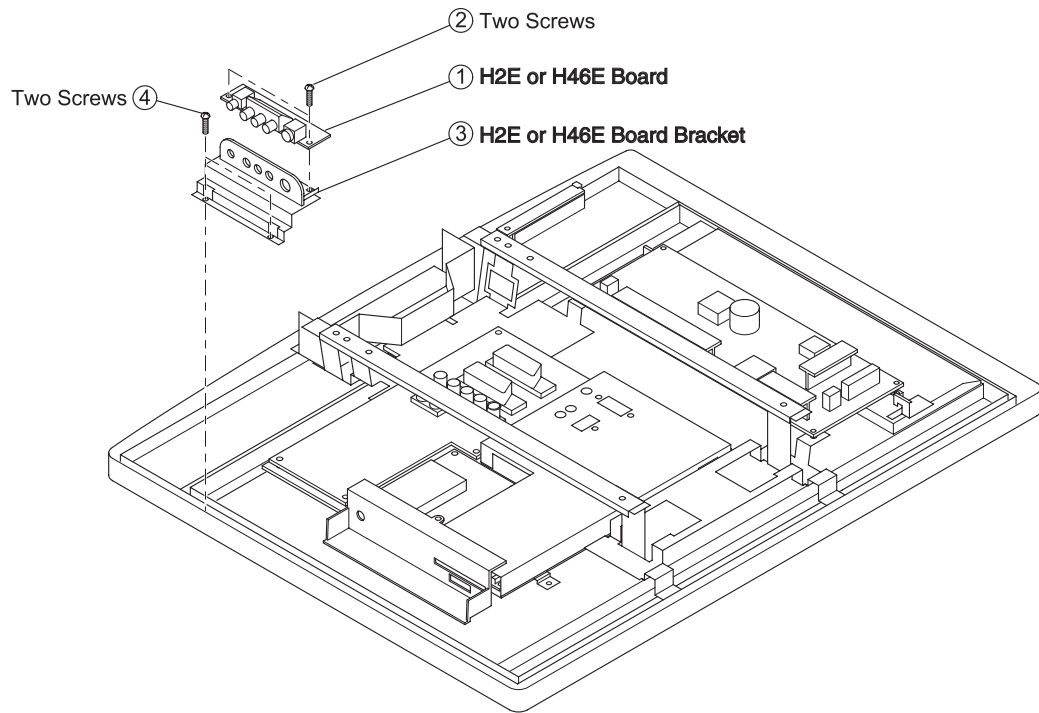
2-9. G1 or G2 BOARD REMOVAL



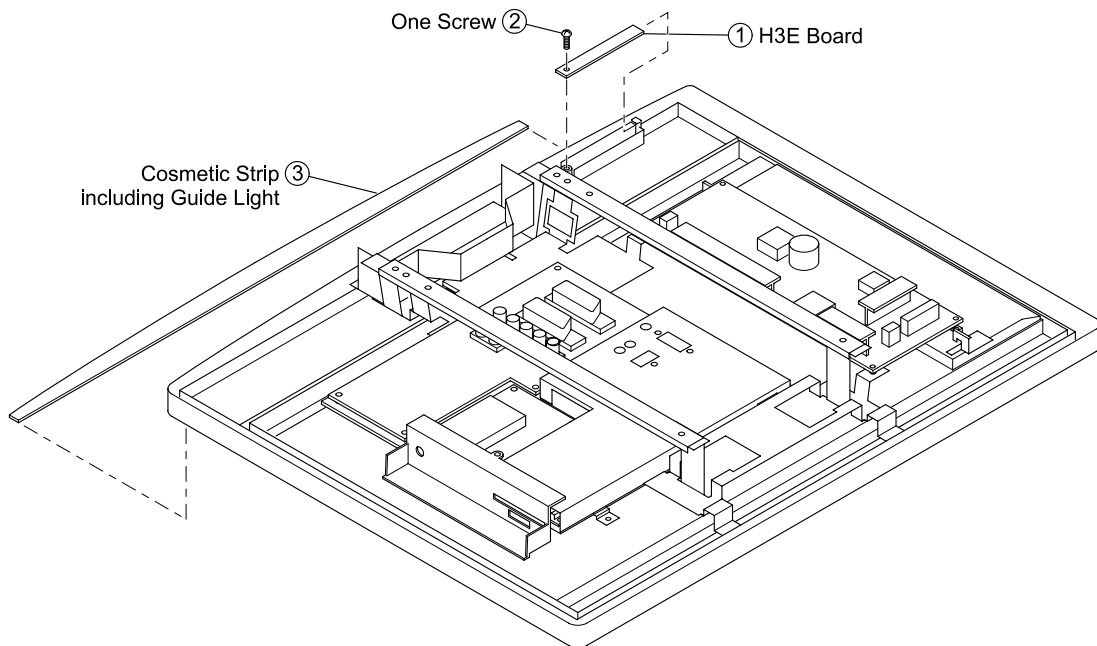
2-10. H1E BOARD REMOVAL



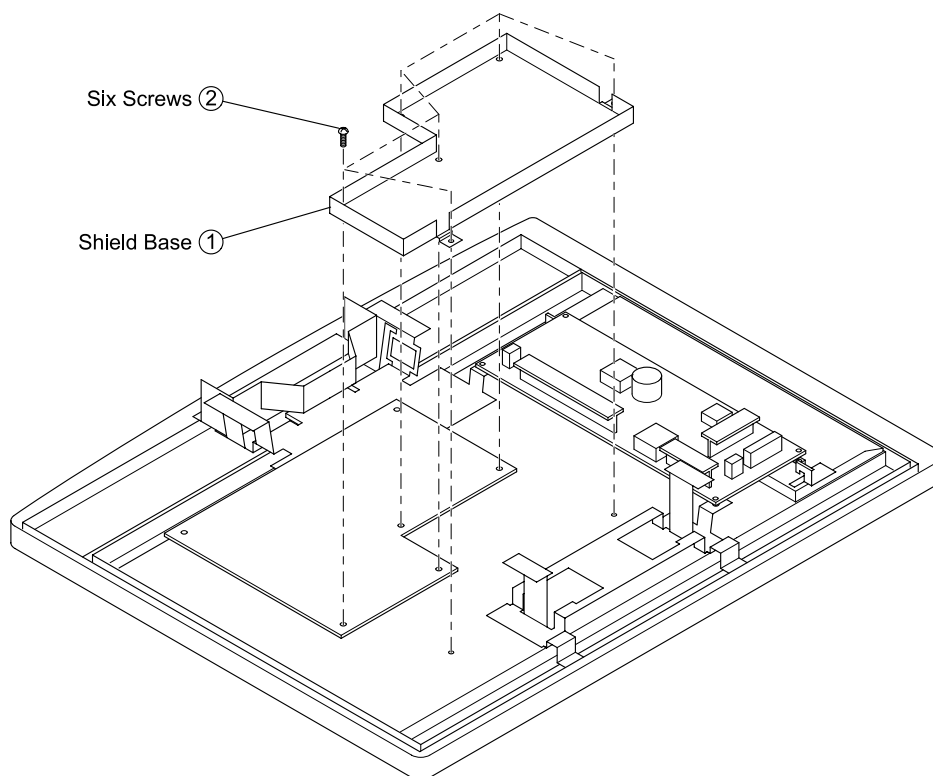
2-11. H2E or H46E BOARD REMOVAL



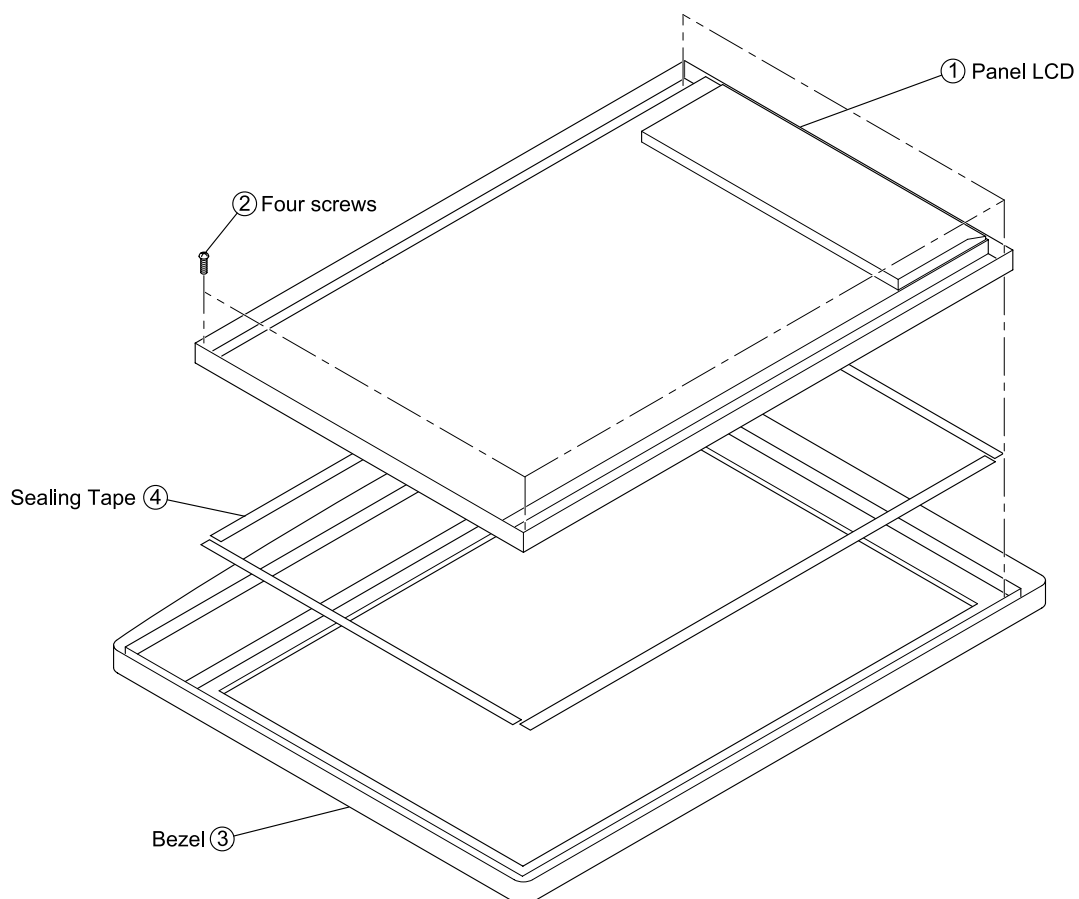
2-12. H3E BOARD REMOVAL



2-13. SHIELD BASE REMOVAL



2-14. LCD PANEL REMOVAL

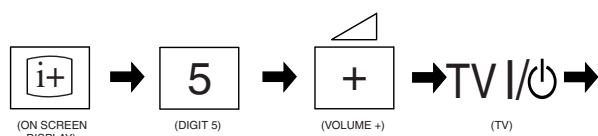


SECTION 3 SET-UP ADJUSTMENTS

3-1. How to enter Service Mode

Service adjustments to this model can be performed using the supplied remote Commander RM-ED005.

1. Turn on the power to the TV set and enter into the stand-by mode.
2. Press the following sequence of buttons on the Remote Commander.



3. The following menu will then appear on the screen.



4. Move to the relevant command using the up or down arrow buttons on the remote commander.
5. Press the right arrow button to enter into the required menu item.
6. Press the 'Menu' button on the remote commander to quit the Service Mode when all adjustments have been completed.

Note :

- After carrying out the service adjustments, to prevent the customer accessing the 'Service Menu' switch the TV set OFF and then ON.

3-2. Signal Level Adjustment

3-2-1. Set up of AD calibration¹ adjustment for terrestrial analog.

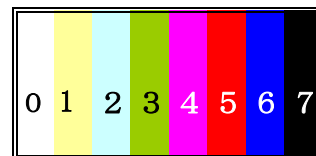
The following adjustments are done via ECS.

1. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
2. Ensure noise reduction NR=3 (High), GAMMA_EN=0, P4_CVD2_85=0.
3. Set the following registration items.

Screen Size	26"	32"	40"	46"
TARGET_Y_RF(PAL)	165	165	165	165
ADJ_COLOR_Y_ATT(PAL)	128	128	128	128
ADJ_COLOR_PAL(PAL)	3	3	3	3

3-2-2. Y signal calibration¹ adjustment for terrestrial analog.

1. Input PAL colour bar 75%Y, 75%C via terrestrial input.



2. Send ECS_ADJUST_TCD3_CONT_RF command.
3. Read the value of S-REG:APL_LUMA via ECS. Confirming that the value is within spec of the table below.

AD-Adjust RF Spec	Spec.
Reference register name	
S-REG: APL_LUMA	TARGET_Y_RF±2

3-2-3. Set up of C signal calibration¹ adjustment for terrestrial analog.

1. Input PAL colour bar 75%Y, 75%C via terrestrial input.
2. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
3. Ensure noise reduction NR=3 (High), GAMMA_EN=0, P4_CVD2_85=0.

3-2-4.C signal calibration1 adjustment for terrestrial analog.

1. Send ECS_ADJUST_TCD3_HUE_RF command.
2. Read S-REG: READ_BACK_B00 via ECS. (READ_AREA=0).
3. Read S-REG: READ_BACK_B01 via ECS. (READ_AREA=6).
4. Confirm that 8 bits of MSB of item number 2) and 3) are within spec of the table below.

Reference Item	Spec.
READ_BACK_B0*difference value	±2

5. Switch the TV set OFF and then ON again to retain adjustment values.

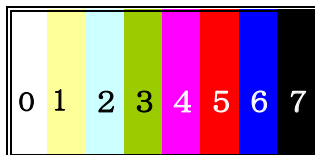
3-2-5.Set up of AD calibration1 adjustment for video.

1. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
2. Ensure noise reduction NR=1 (Low), GAMMA_EN=0, P4_CVD2_85=0.
3. Set the following registration items.

Screen Size	26"	32"	40"	46"
TARGET_Y_V(PAL)	165	165	165	165
ADJ_COLOR_Y_ATT(PAL)	128	128	128	128
ADJ_COLOR_PAL(PAL)	3	3	3	3

3-2-6.Y signal calibration1 adjustment for video.

1. Input PAL colour bar 75%Y, 75%C via AV1 input.



2. Send ECS_ADJUST_TCD3_CONT_V command.
3. Read the value of S-REG:APL_LUMA via ECS. Confirming that the value is within spec of the table below.

AD-Adjust Video Spec	Spec.
Reference register name	
S-REG: APL_LUMA	TARGET_Y_V±2

3-2-7.Set up of C signal calibration1 adjustment for video.

1. Input PAL colour bar 75%Y, 75%C via AV1 input.
2. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
3. Ensure noise reduction NR=1 (Low), GAMMA_EN=0, P4_CVD2_85=0.
4. Set the following registration items.

Screen Size	26"	32"	40"	46"
ADJ_COLOR_Y_ATT(PAL)	128	128	128	128
ADJ_COLOR_PAL(PAL)	3	3	3	3

3-2-8. C signal calibration1 adjustment for video.

1. Send ECS_ADJUST_TCD3_HUE_V command.
2. Read S-REG: READ_BACK_B00 via ECS. (READ_AREA=0).
3. Read S-REG: READ_BACK_B01 via ECS. (READ_AREA=6).
4. Confirm that 8 bits of MSB of item number 2) and 3) are within spec of the table below.

Reference Item	Spec.
READ_BACK_B0*difference value	±2

5. Read S-REG: TCD3_SATURATION via ECS.
6. Switch the TV set OFF and then ON again to retain adjustment values.

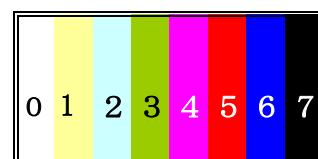
3-2-9.Set up of AD calibration2 adjustment for video.

1. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
2. Ensure noise reduction NR=1 (Low), GAMMA_EN=0, P4_CVD2_85=0.
3. Set the following registration items.

Screen Size	26"	32"	40"	46"
TARGET_Y_V(SECAM)	165	165	165	165
ADJ_COLOR_Y_ATT(SECAM)	128	128	128	128
ADJ_COLOR_PAL(SECAM)	2	2	2	2

3-2-10. Y signal calibration2 adjustment for video.

1. Input SECAM colour bar 75%Y, 75%C via AV1 input.



2. Send ECS_ADJUST_TCD3_CONT_V command.
3. Read the value of S-REG:APL_LUMA via ECS. Confirming that the value is within spec of the table below.

AD-Adjust Video Spec	Spec.
Reference register name	
S-REG: APL_LUMA	TARGET_Y_V±2

3-2-11. Set up of C signal calibration2 adjustment for video.

1. Input SECAM colour bar 75%Y, 75%C via AV1 input.
2. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
3. Ensure noise reduction NR=1 (Low), GAMMA_EN=0, P4_CVD2_85=0.
4. Set the following registration items.

Screen Size	26"	32"	40"	46"
ADJ_COLOR_Y_ATT(SECAM)	128	128	128	128
ADJ_COLOR_PAL(SECAM)	2	2	2	2

3-2-12. C signal calibration2 adjustment for video.

1. Send ECS_ADJUST_TCD3_HUE_V command.
2. Read S-REG: READ_BACK_B00 via ECS. (READ_AREA=0).
3. Read S-REG: READ_BACK_B01 via ECS. (READ_AREA=6).
4. Confirm that 8 bits of MSB of item number 2) and 3) are within spec of the table below.

Reference Item	Spec.
READ_BACK_B0*difference value	±2

5. Read S-REG: TCD3_SATURATION via ECS.
6. Switch the TV set OFF and then ON again to retain adjustment values.

3-3. Gamma Adjustment

The following adjustments are done via ECS.

Note: Before Gamma adjustment can begin the set needs 1 hour aging.

3-3-1. Set up mode for Gamma Adjustment

1. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
2. Ensure COL_MATRIX_INDEX=15.
3. Ensure hreg p1_d_p_26=0 and hreg p1_d_p_28=0.
4. Ensure G_GAMMA_IDX_OFST=15.
5. Ensure DYNAMIC_EN=0.

3-3-2. Set up Trident internal SG and brightness measurement

1. Ensure TEST_PATTEN_ON=1.
2. Ensure TEST_G_LEVEL=204.
3. Ensure TEST_R_LEVEL=0.
4. Ensure TEST_B_LEVEL=0.
5. Measure brightness A.
6. Ensure TEST_G_LEVEL=102.
7. Ensure TEST_R_LEVEL=0.
8. Ensure TEST_B_LEVEL=0.
9. Measure brightness B.
10. Set up G_GAMMA_OFST_01=brightness B/brightness A*10000. The result is written to G_GAMMA_OFST_01.
11. Send Gamma_Tbl_Search_1 command.
12. Ensure TEST_G_LEVEL=153.
13. Ensure TEST_R_LEVEL=0.
14. Ensure TEST_B_LEVEL=0.
15. Measure brightness C.
16. Set up G_GAMMA_OFST_02=brightness C/brightness A*10000. The result is written to G_GAMMA_OFST_02.
17. Send Gamma_Tbl_Search_2 command.
18. Save set up value in NVM in register G_GAM_IDX_OFST.

3-4. White Balance Adjustment

The following adjustments are done via ECS.

3-4-1. Set up mode for White Balance Adjustment

1. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
2. Ensure COL_MATRIX_INDEX=15.
3. Ensure hreg p1_d_p_26=0 and hreg p1_d_p_28=0.
4. Ensure DYNAMIC_EN=0.

3-4-2. White Balance of colour temperature "High"

1. Set up COLOR_TEMP=0.
2. Set up GAMMA_OFF=15.
3. R_GAMMA_OFST_01=128
R_GAMMA_OFST_02=128
R_GAMMA_OFST_03=128
R_GAMMA_OFST_04=128
B_GAMMA_OFST_01=128
B_GAMMA_OFST_02=128
B_GAMMA_OFST_03=128
Set up B_GAMMA_OFST_04=128.
4. Set up "Wait".
5. Set up the correct values for 20IRE for TEST_R_LEVEL, TEST_G_LEVEL and TEST_B_LEVEL.

	20IRE
TEST_R_LEVEL	51
TEST_G_LEVEL	51
TEST_B_LEVEL	51

6. Adjust R_GAMMA_OFST_01 and B_GAMMA_OFST_01 chroma values so that they are within tolerance in the table below.

	X		Y	Tolerance
26"	20IRE	0.263	0.274	0.5JND(*1)
	40IRE	0.268	0.273	0.5JND(*1)
	60IRE	0.265	0.272	0.5JND(*1)
	80IRE	0.265	0.272	0.5JND(*1)
32"	0.27		0.271	0.5JND
40"	0.272		0.272	0.5JND
46"	0.273		0.274	0.5JND

(*1) If adjustment results exceed the tolerance please extend the tolerance to 0.6JND.

7. Set up the correct values for 40IRE for TEST_R_LEVEL, TEST_G_LEVEL and TEST_B_LEVEL.

	40IRE
TEST_R_LEVEL	102
TEST_G_LEVEL	102
TEST_B_LEVEL	102

8. Adjust R_GAMMA_OFST_02 and B_GAMMA_OFST_02 chroma values so that they are within tolerance in the table below.

	X		Y	Tolerance
26"	20IRE	0.263	0.274	0.5JND(*1)
	40IRE	0.268	0.273	0.5JND(*1)
	60IRE	0.265	0.272	0.5JND(*1)
	80IRE	0.265	0.272	0.5JND(*1)
32"	0.27		0.271	0.5JND
40"	0.272		0.272	0.5JND
46"	0.273		0.274	0.5JND

(*1) If adjustment results exceed the tolerance please extend the tolerance to 0.6JND.

9. Set up the correct values for 60IRE for TEST_R_LEVEL, TEST_G_LEVEL and TEST_B_LEVEL.

	60IRE
TEST_R_LEVEL	153
TEST_G_LEVEL	153
TEST_B_LEVEL	153

10. Adjust R_GAMMA_OFST_03 and B_GAMMA_OFST_03 chroma values so that they are within tolerance in the table below.

	X		Y	Tolerance
26"	20IRE	0.263	0.274	0.5JND(*1)
	40IRE	0.268	0.273	0.5JND(*1)
	60IRE	0.265	0.272	0.5JND(*1)
	80IRE	0.265	0.272	0.5JND(*1)
32"	0.27		0.271	0.5JND
40"	0.272		0.272	0.5JND
46"	0.273		0.274	0.5JND

(*1) If adjustment results exceed the tolerance please extend the tolerance to 0.6JND.

11. Set up the correct values for 80IRE for TEST_R_LEVEL, TEST_G_LEVEL and TEST_B_LEVEL.

	80IRE
TEST_R_LEVEL	204
TEST_G_LEVEL	204
TEST_B_LEVEL	204

12. Adjust R_GAMMA_OFST_04 and B_GAMMA_OFST_04 chroma values so that they are within tolerance in the table below.

	X		Y	Tolerance
26"	20IRE	0.263	0.274	0.5JND(*1)
	40IRE	0.268	0.273	0.5JND(*1)
	60IRE	0.265	0.272	0.5JND(*1)
	80IRE	0.265	0.272	0.5JND(*1)
32"	0.27		0.271	0.5JND
40"	0.272		0.272	0.5JND
46"	0.273		0.274	0.5JND

(*1) If adjustment results exceed the tolerance please extend the tolerance to 0.6JND.

13. Write R_GAMMA_OFST_01~R_GAMMA_OFST_04 and B_GAMMA_OFST_01~B_GAMMA_OFST_04 in the NVM.
 14. Write R_GAMMA_OFST_04~R_GAMMA_OFST_05 and B_GAMMA_OFST_04~B_GAMMA_OFST_05 in the NVM.
 15. Set up TEST_PATTEN_ON=0.
 16. Set up COL_MATRIX_INDEX=30.
 17. Set up hreg_p1_d_p_26=3.
 18. Set up hreg_p1_d_p_28=3.
 19. Set up DYNAMIC_EN=0xffff
 20. Set up COLOR_TEMP=1.
 21. Write the correct values for R_DRV, B_DRV, R_BKG and B_BKG from the table below.

COLOR_TEMP=1				
	R_DRV	B_DRV	R_BKG	B_BKG
26"	TBD	TBD	TBD	TBD
32"	262	240	504	504
40"	253	235	515	507
46"	TBD	TBD	TBD	TBD

22. Send ECS COLOR_SAVE command.
23. Set up COLOR_TEMP=2.
24. Write the correct values for R_DRV, B_DRV, R_BKG and B_BKG from the table below.

COLOR_TEMP=2				
	R_DRV	B_DRV	R_BKG	B_BKG
26"	TBD	TBD	TBD	TBD
32"	262	218	507	509
40"	251	219	517	505
46"	TBD	TBD	TBD	TBD

25. Send ECS COLOR_SAVE command.
26. Set up COLOR_TEMP=3.
27. Write the correct values for R_DRV, B_DRV, R_BKG and B_BKG from the table below.

COLOR_TEMP=3				
	R_DRV	B_DRV	R_BKG	B_BKG
26"	TBD	TBD	TBD	TBD
32"	265	189	509	516
40"	260	198	511	500
46"	TBD	TBD	TBD	TBD

28. Send ECS COLOR_SAVE command.
29. Switch the TV set OFF and then ON again to retain adjustment values.

3-5. Panel Replacement

When replacing the panel please reset the gamma and white balance before performing W/B (See page 27) for new panel.

3-6. Board Replacement

3-6-1. AE Board Replacement

When replacing the 'AE' board please readjust the AD (See page 25) and readjust the W/B (See page 27).

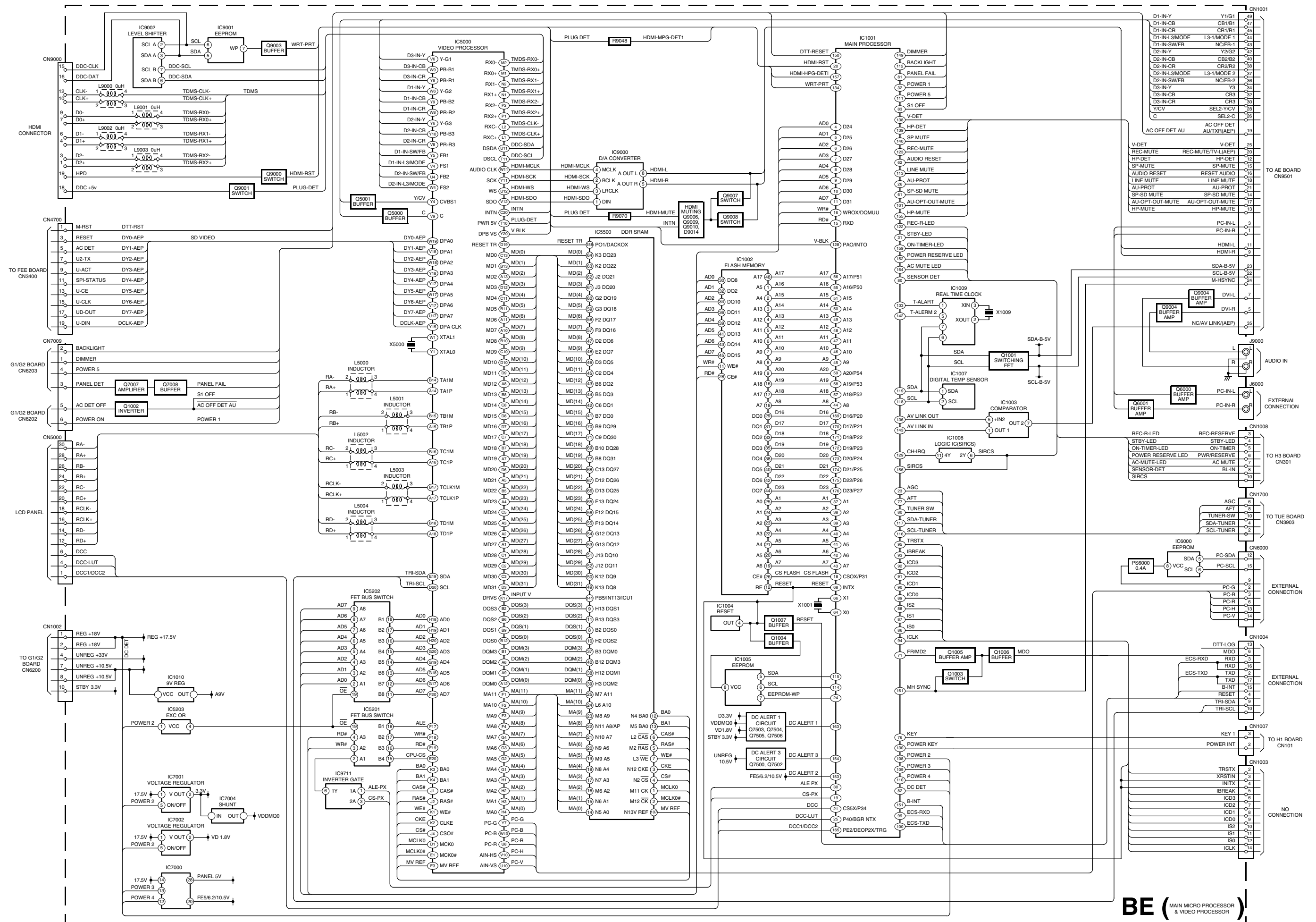
3-6-2. BE Board Replacement

When replacing the 'BE' board please readjust the AD (See page 25) and readjust the W/B (See page 27).

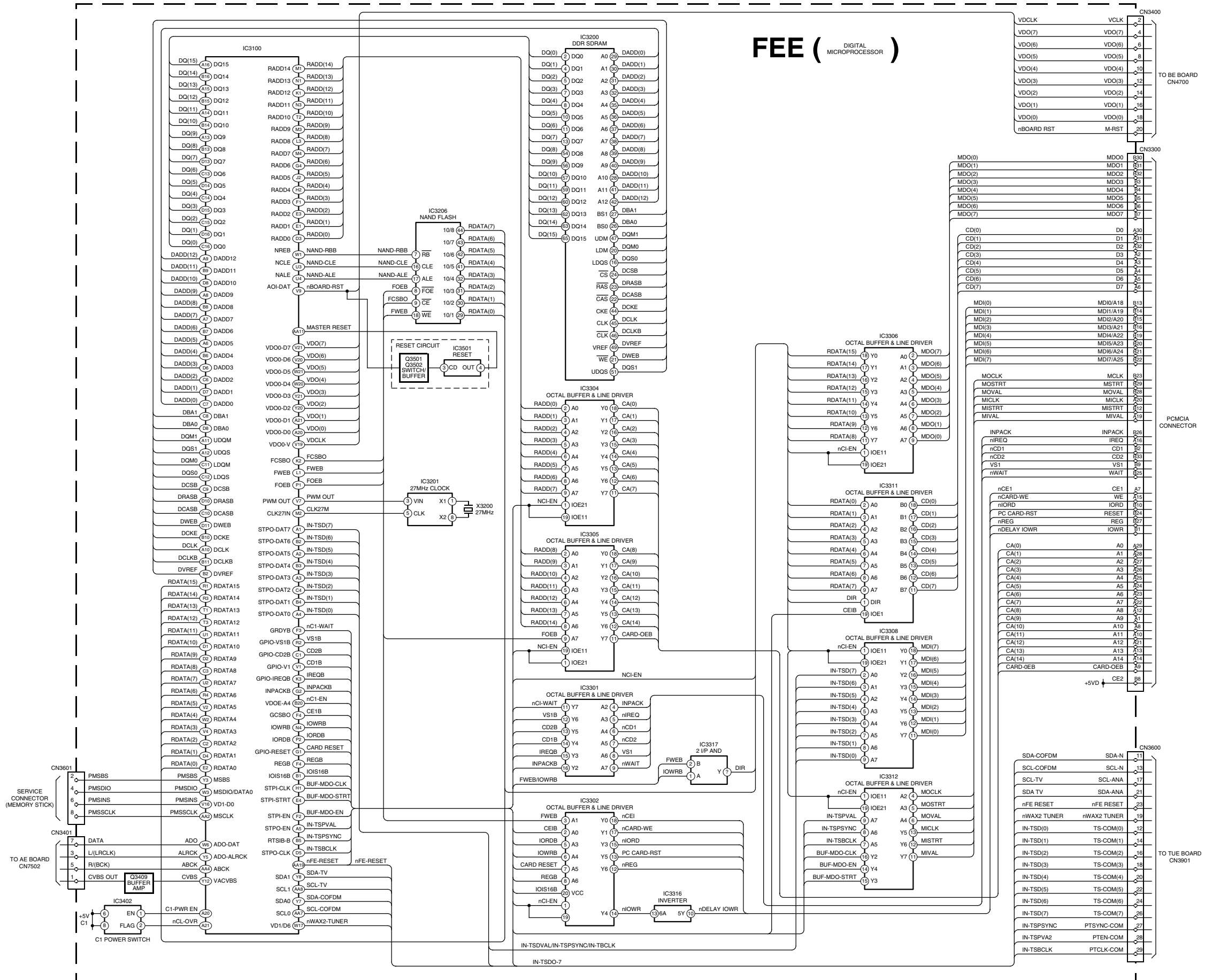
Note :

In the event of a 'BE' board being re-used in service please ensure that the Serial number is cleared in the NVM.

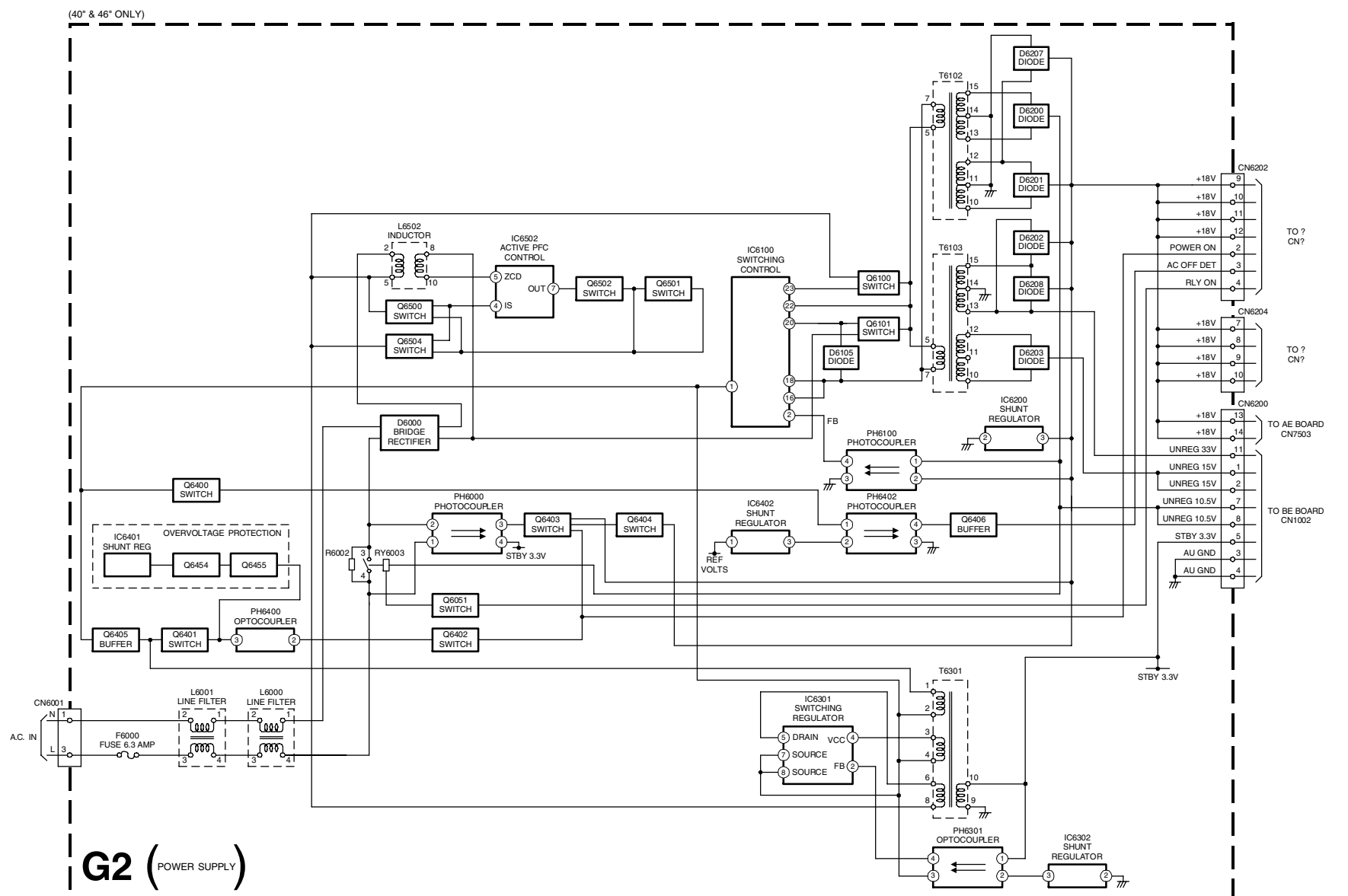
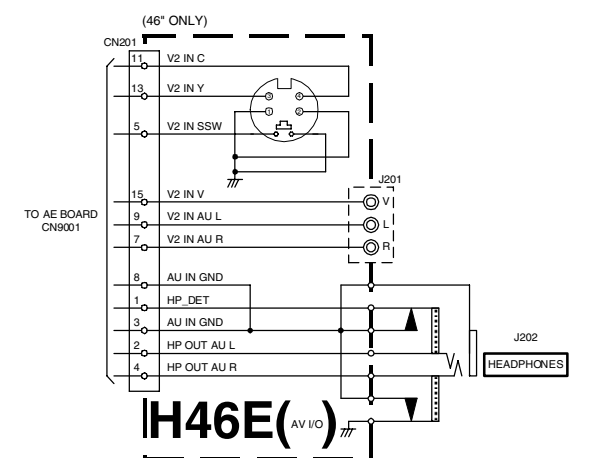
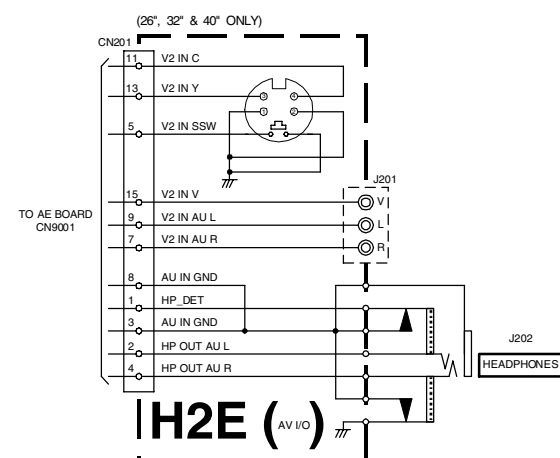
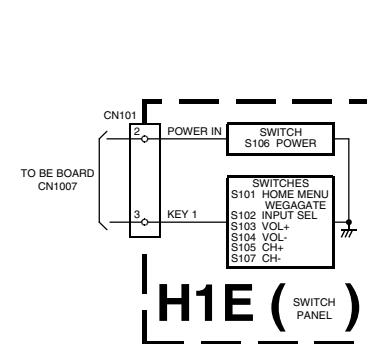
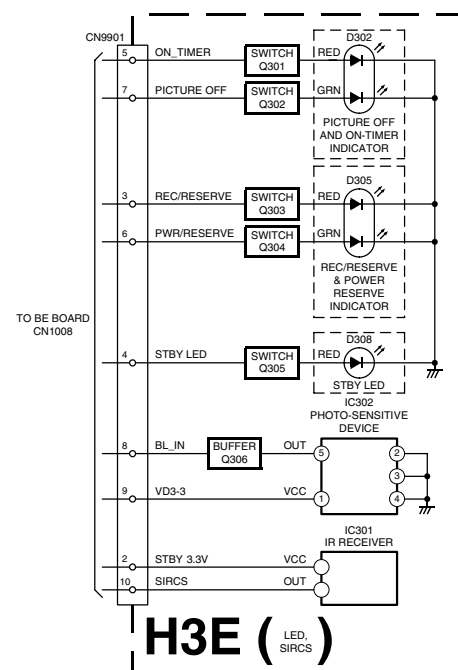
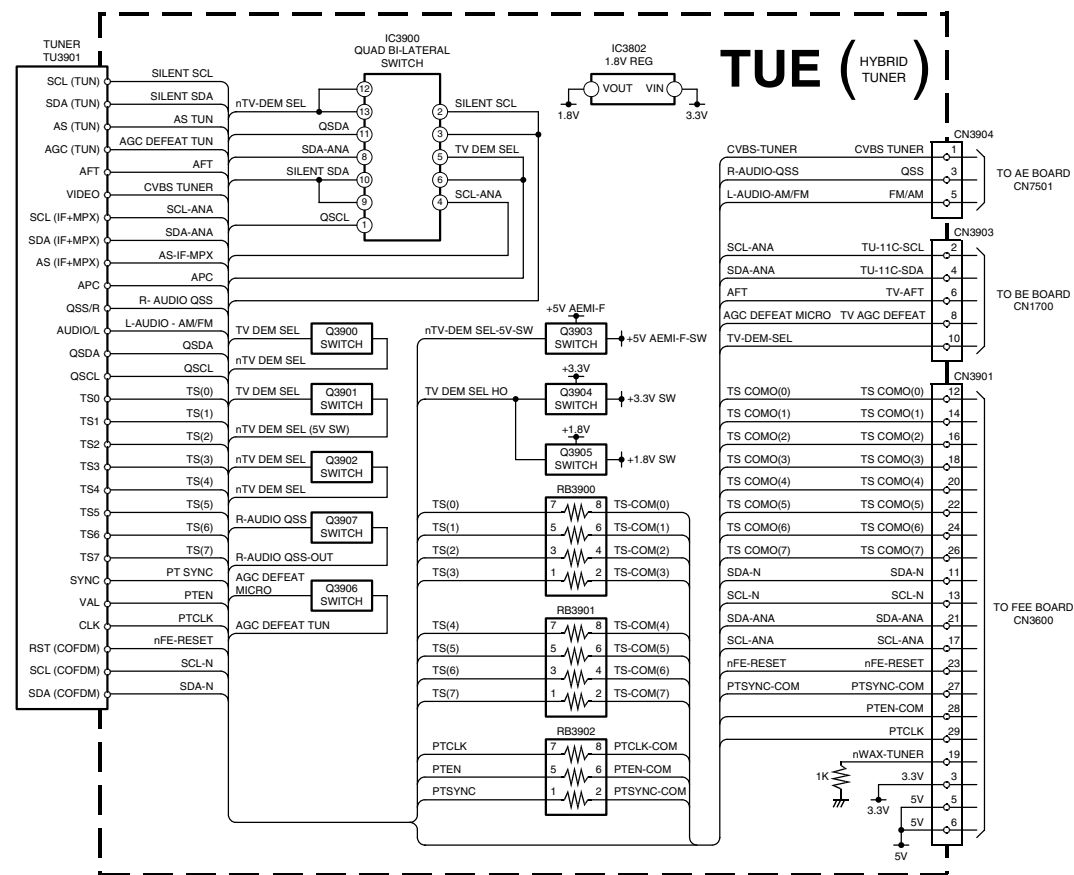
4-1. BLOCK DIAGRAMS (1)



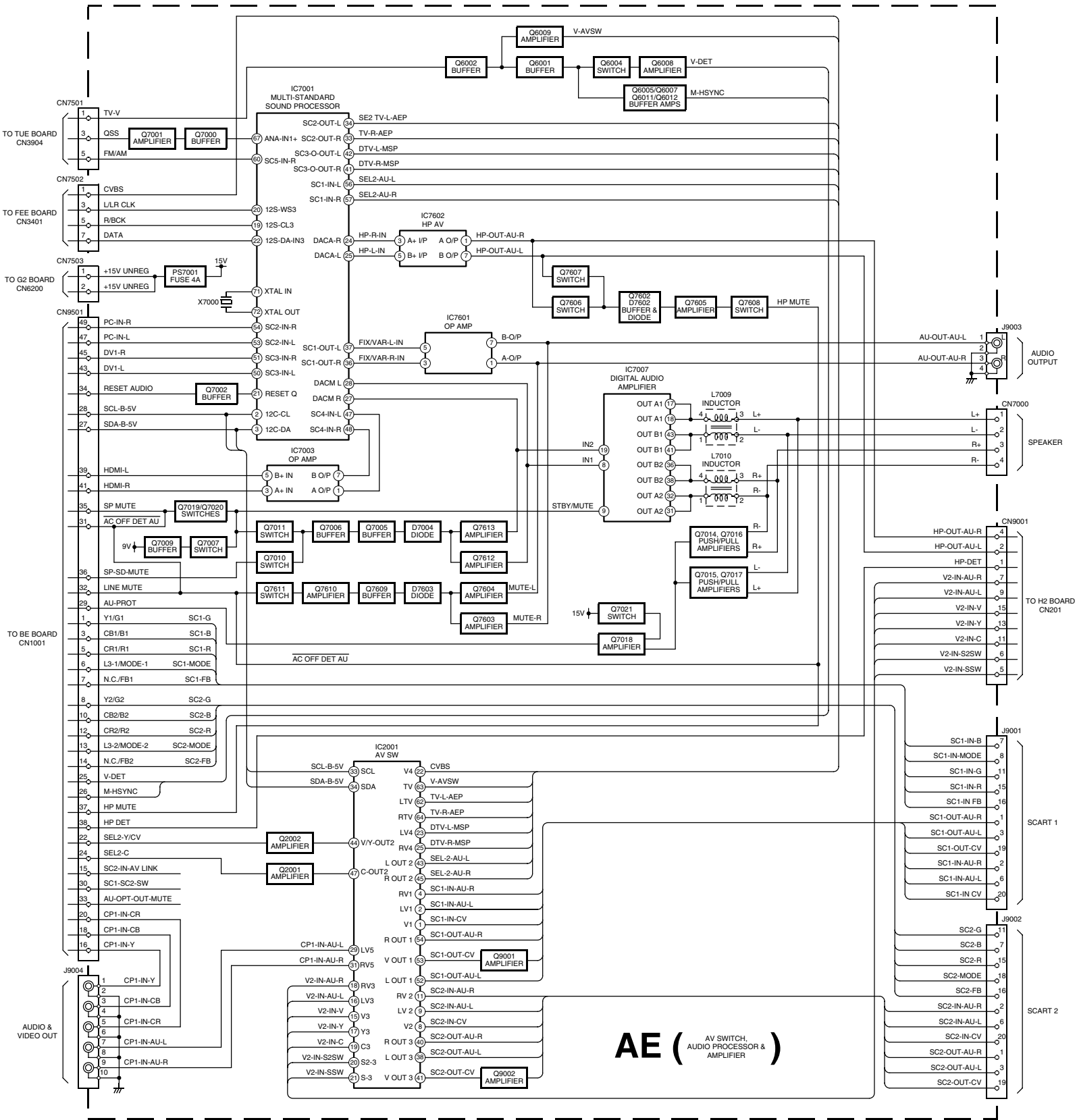
4-1. BLOCK DIAGRAMS (2)



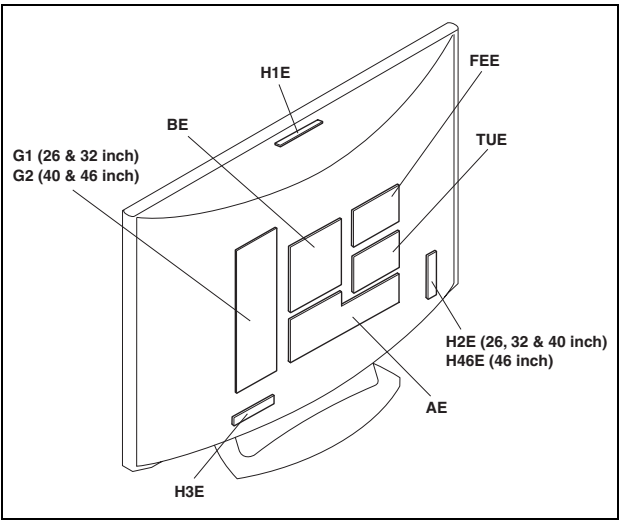
4-1. BLOCK DIAGRAMS (3)



4-1. BLOCK DIAGRAMS (4)



4-2. CIRCUIT BOARD LOCATION



4-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

- Note :**
- All capacitors are in μF unless otherwise noted.
 - pF : μF 50WV or less are not indicated except for electrolytic types.
 - Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm
Electrical power rating : 1/4W

- Chip resistors are 1/10W
- All resistors are in ohms.
k = 1000 ohms, M = 1000,000 ohms

- : nonflammable resistor.
- : fusible resistor.
- : internal component.
- : panel designation or adjustment for repair.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in Volts.
- Readings are taken with a 10Mohm digital mutimeter.
- Readings are taken with a color bar input signal.
- Voltage variations may be noted due to normal production tolerances.

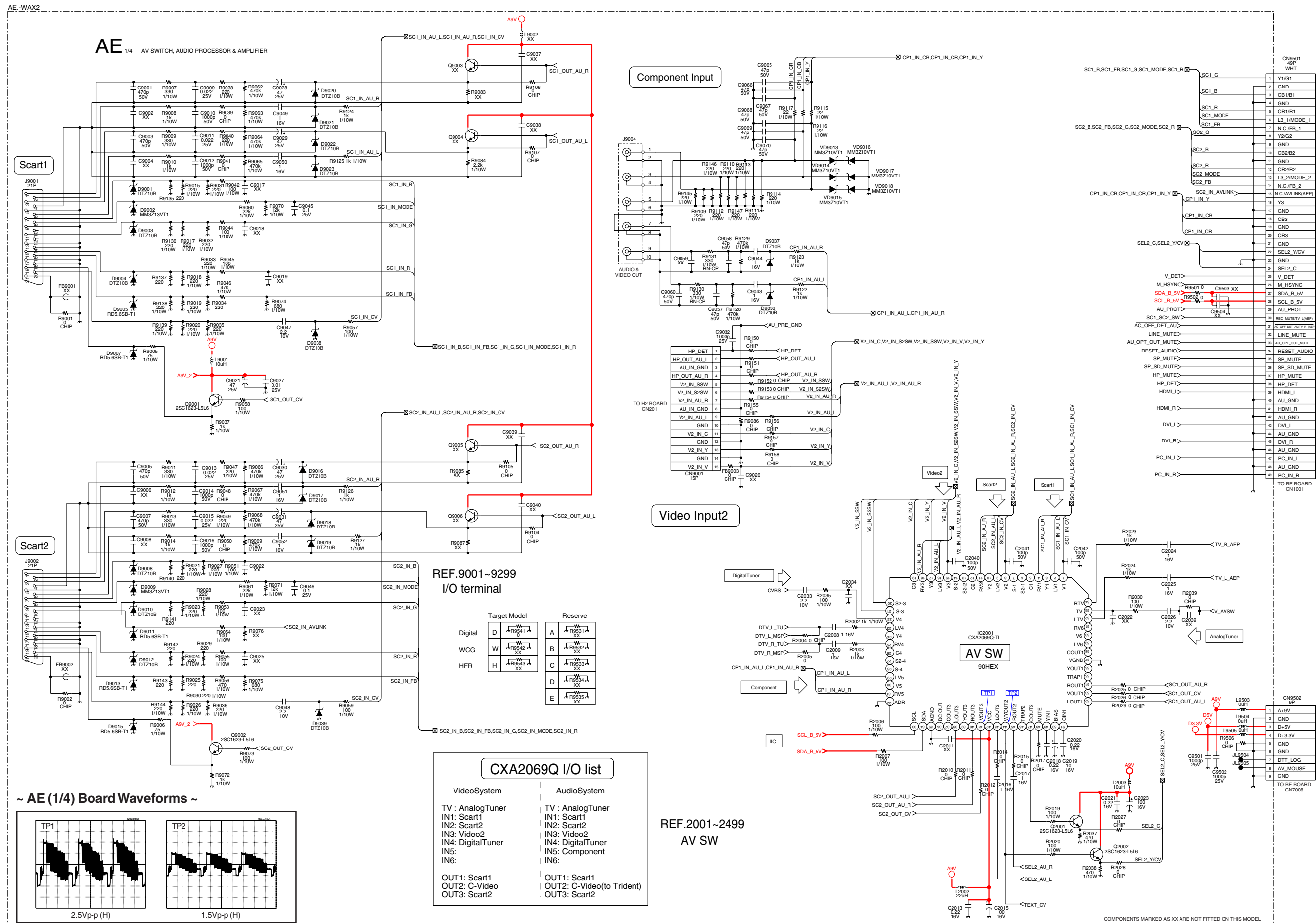
- : B + bus.
- : B - bus.
- : RF signal path.
- : earth - ground.
- : earth - chassis.

Reference Information

RESISTOR	RN	: METAL FILM
	RC	: SOLID
	FPRD	: NON FLAMMABLE CARBON
	FUSE	: NON FLAMMABLE FUSIBLE
	RS	: NON FLAMMABLE METAL OXIDE
	RB	: NON FLAMMABLE CEMENT
	RW	: NON FLAMMABLE WIREWOUND
		: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

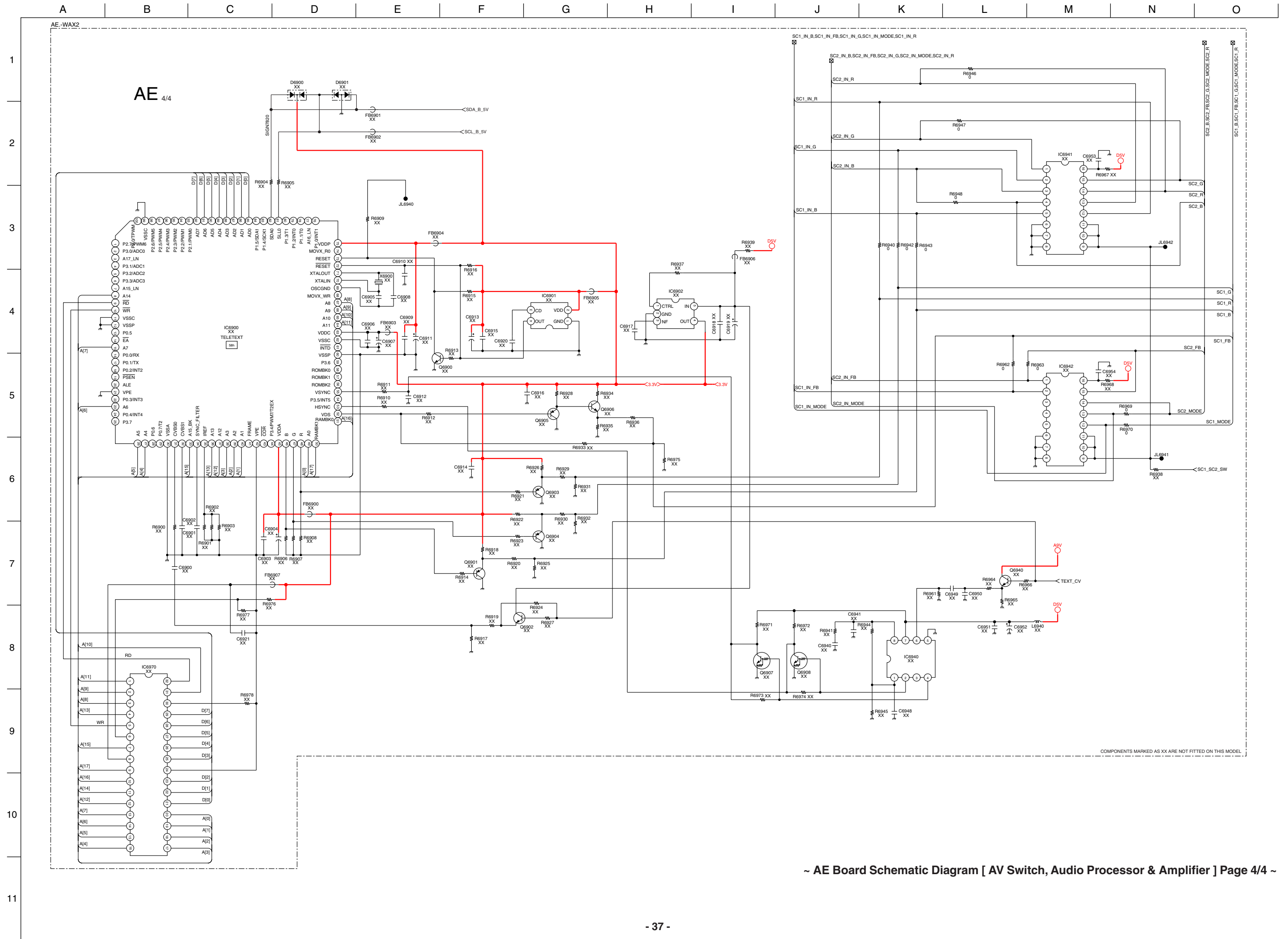
Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

Note : Les composants identifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

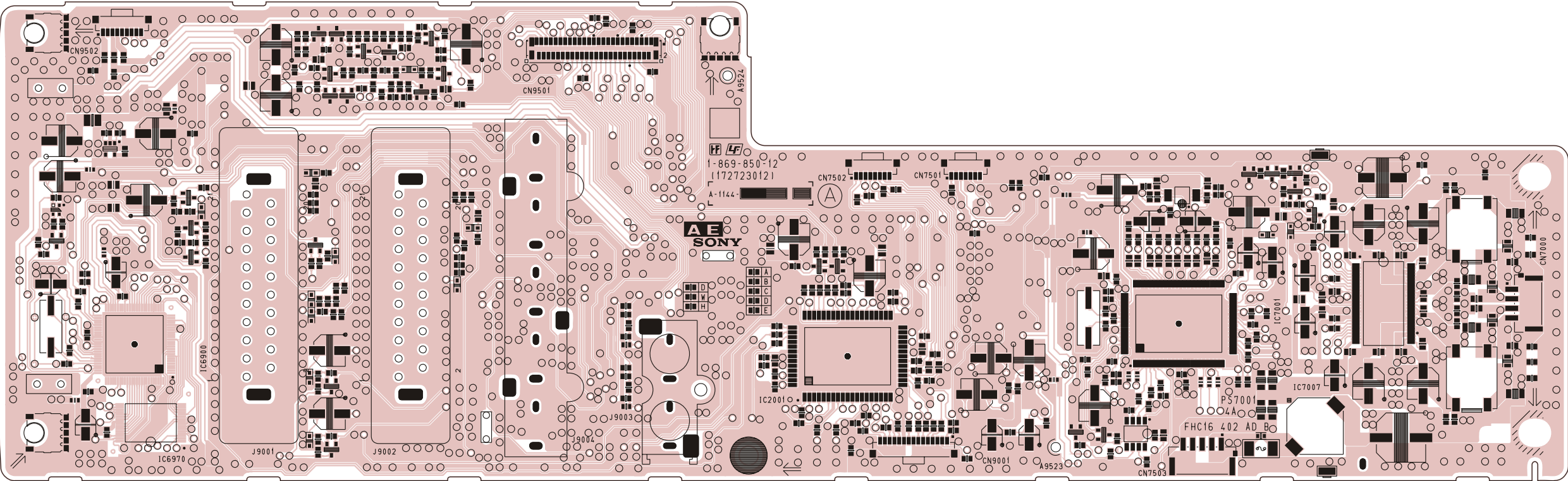








~ AE Printed Wiring Board Conductor Side A ~



~ AE Board IC Voltage Table Side A ~

Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)			
IC2001	1	3.9	IC2001	11	4.3	IC2001	22	4.2	IC2001	33	4.5	IC2001	44	4.1	IC2001	55	3.6	IC7001	2	4.5	IC7001	23-32	0	IC7001	46	0	IC7001	61-64	0
	2	4.4		12	4.4		23	4.4		34	4.4		45	4.5		56	3.1		3	4.4		33-34	3.8		47-48	3.8		65-66	4.9
	3	3.9		13	0		24	3.9		35-36	0		46	3.6		57	0		4-5	2.5		35	0		49	0		67-68	1.5
	4	4.3		14	4.9		25-26	4.4		37	4.4		47	4.4		58	4.3		6	4.5		36-37	3.8		50-51	3.8		69-70	0
	5	4.4		15	3.9		27	0		38	4.5		48	0		59	4.4		7-11	0		38	7.3		52	0		71	2.4
	6	0		16	4.4		28	4.9		39	3.6		49	3.9		60	3.9		12-13	4.9		39	8.2		53-54	3.8		72	2.3
	7	4.9		17	3.9		29	4.4		40	4.5		50	4.7		61-62	4.4		14-17	0		40	7.3		55	0		73	0
	8	3.9		18-19	4.4		30	3.9		41	4.2		51-52	4.4		63	3.9		18-19	1.7		41-42	3.8		56-57	3.82		74	2.5
	9	4.4		20	0		31	4.4		42	9.0		53	4.2		64	4.4		20-21	4.6		43-44	0		58	2.7		75-79	0
	10	3.9		21	4.9		32	0		43	4.5		54	4.5		IC7001	1		0	22		1.7	45		3.8	59-60		3.8	80

A B C D E F G H I J K L M N O

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~ AE Printed Wiring Board Conductor Side B ~

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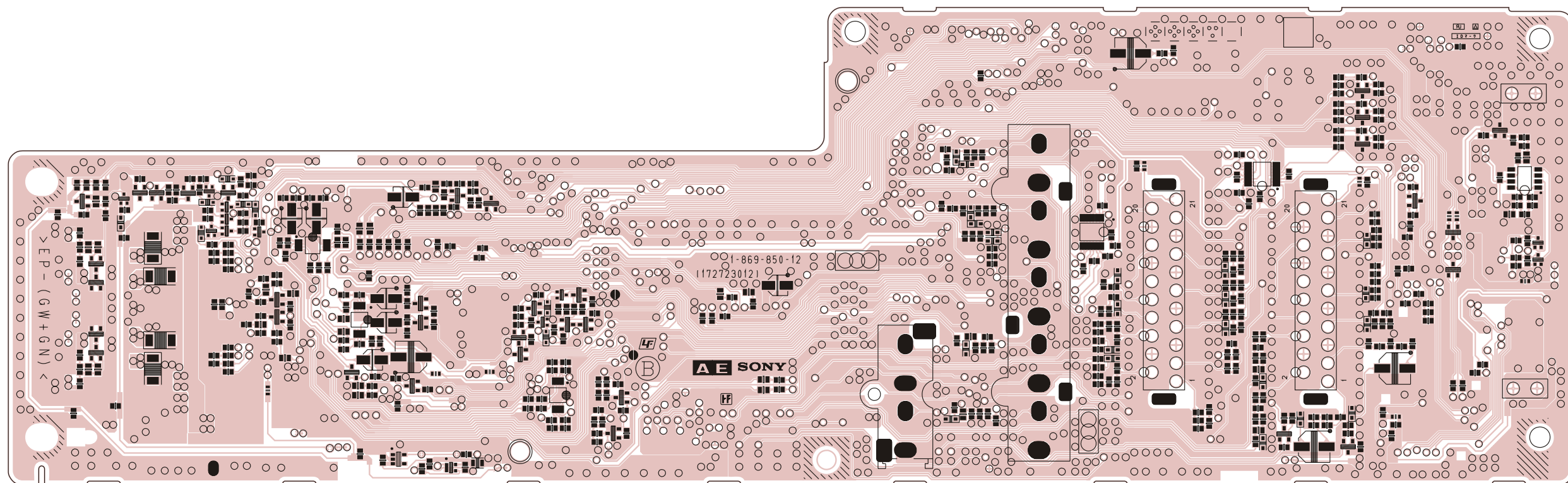
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11





A B C D E F G H I J K L M N O

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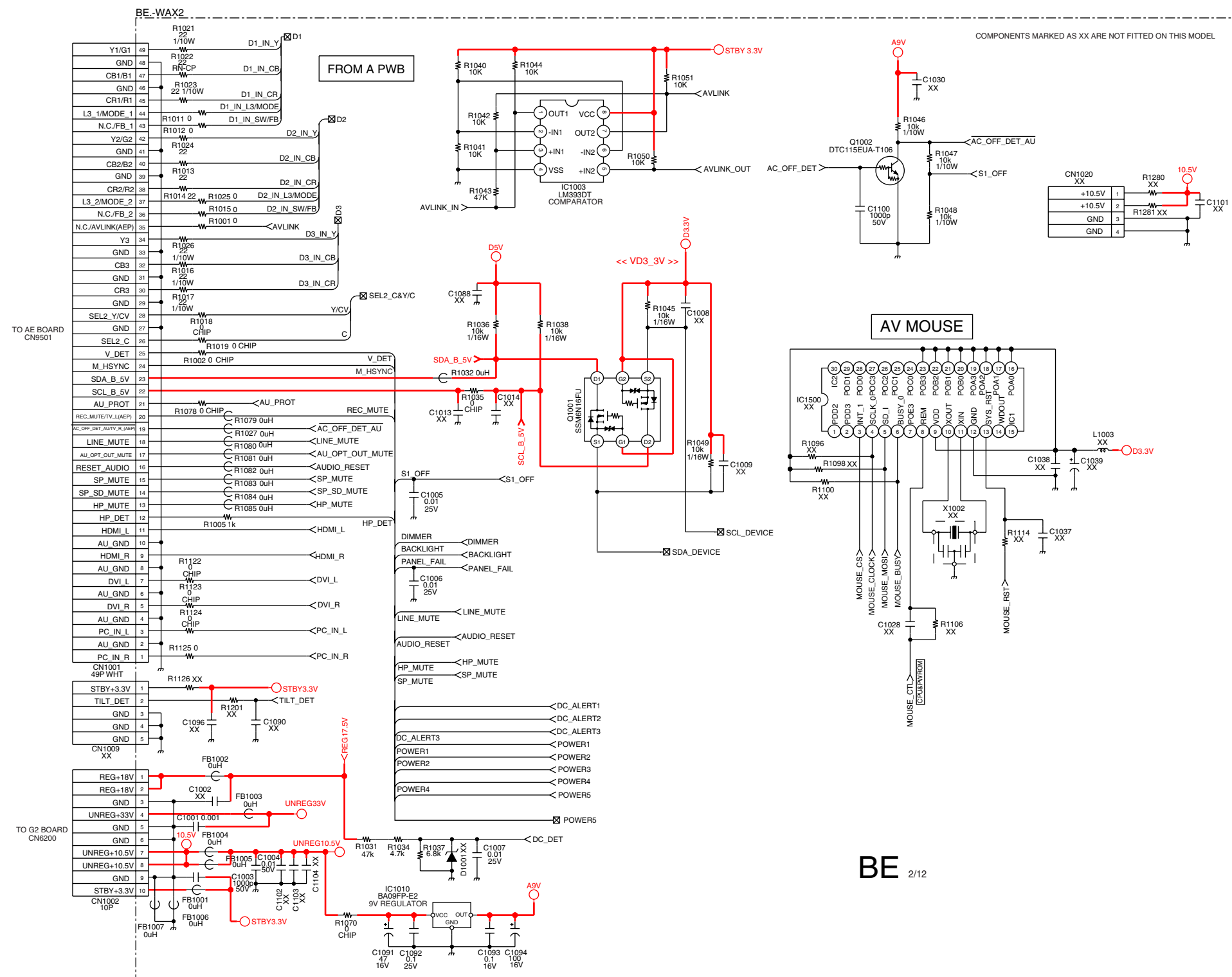
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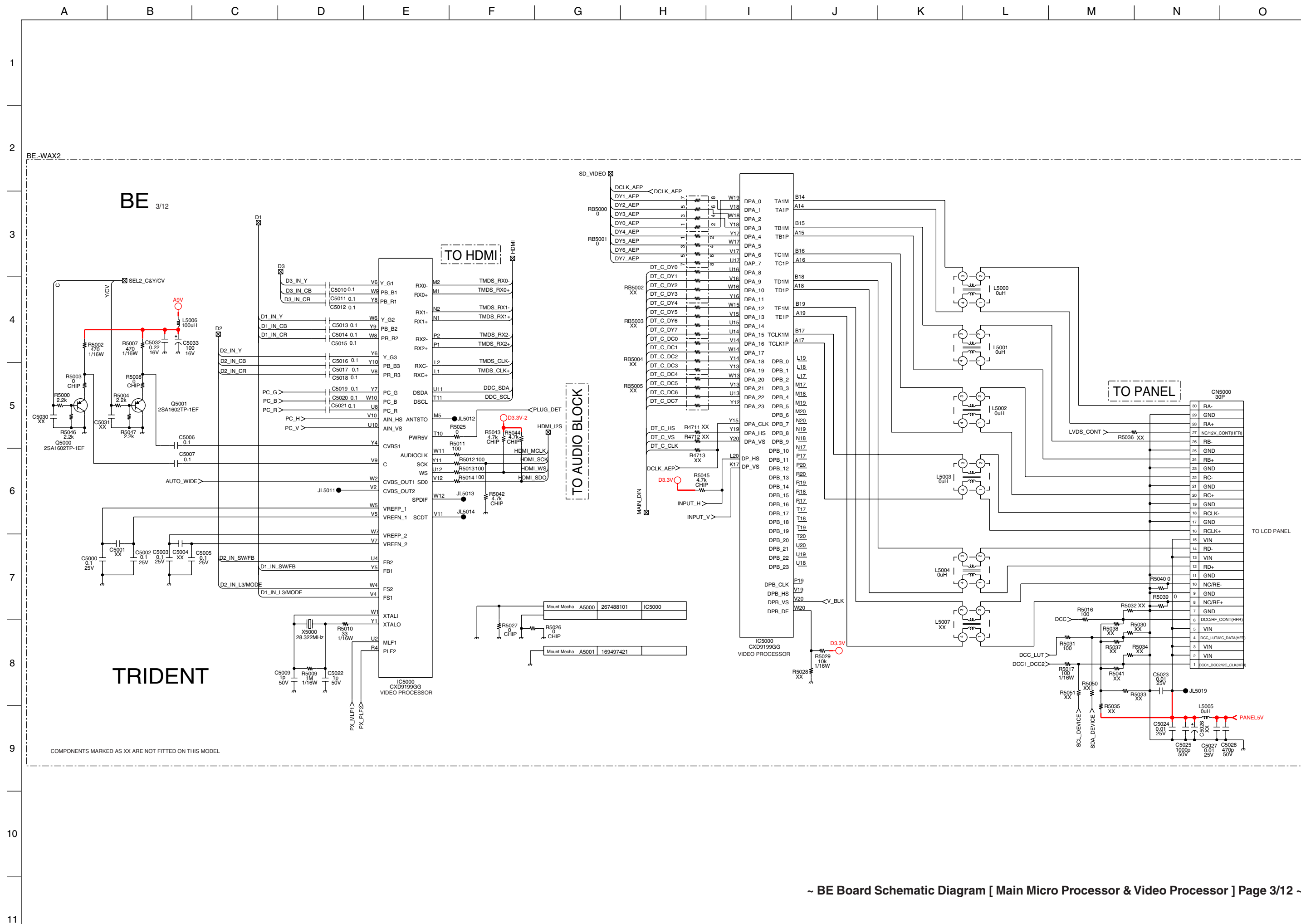
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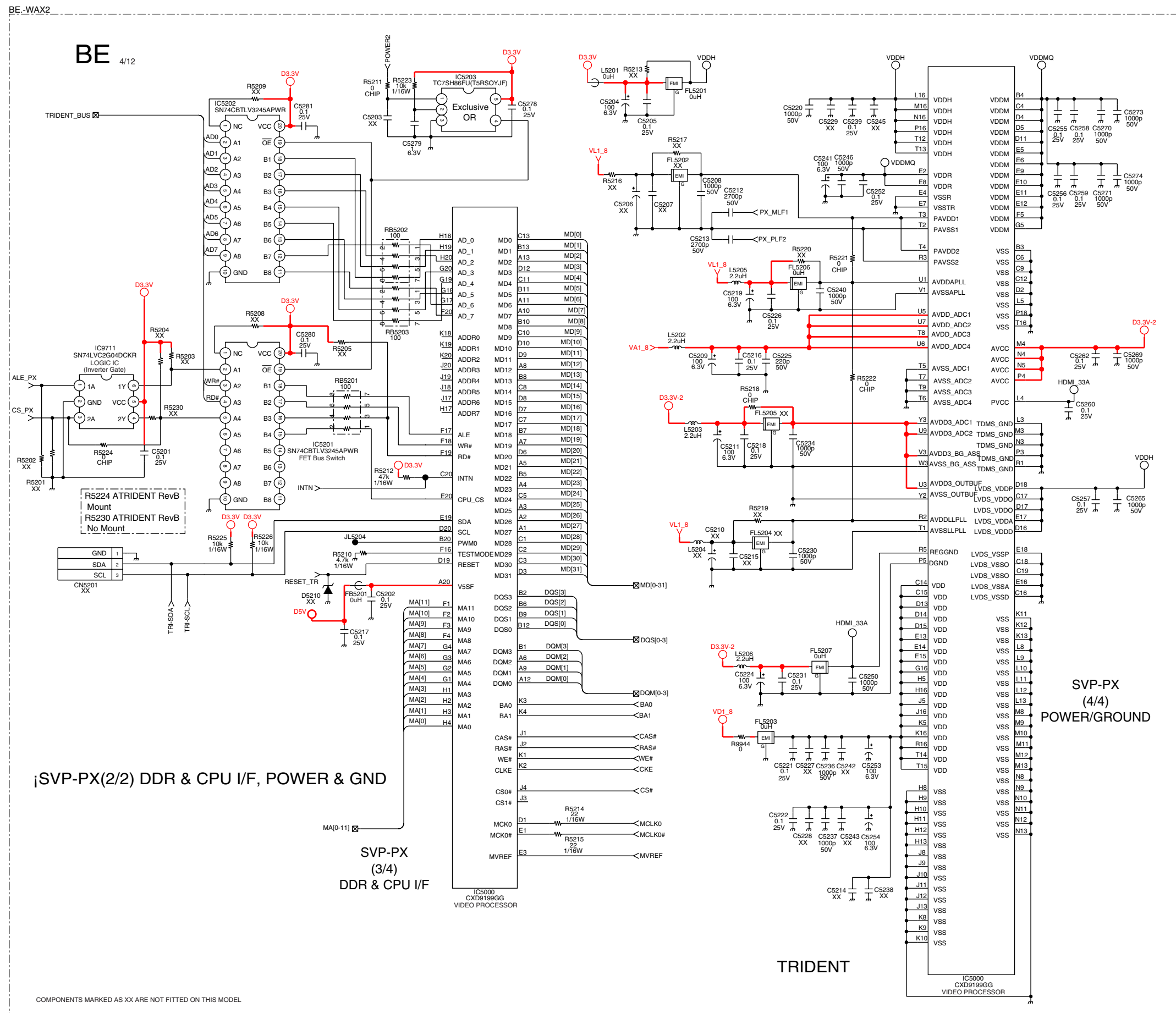
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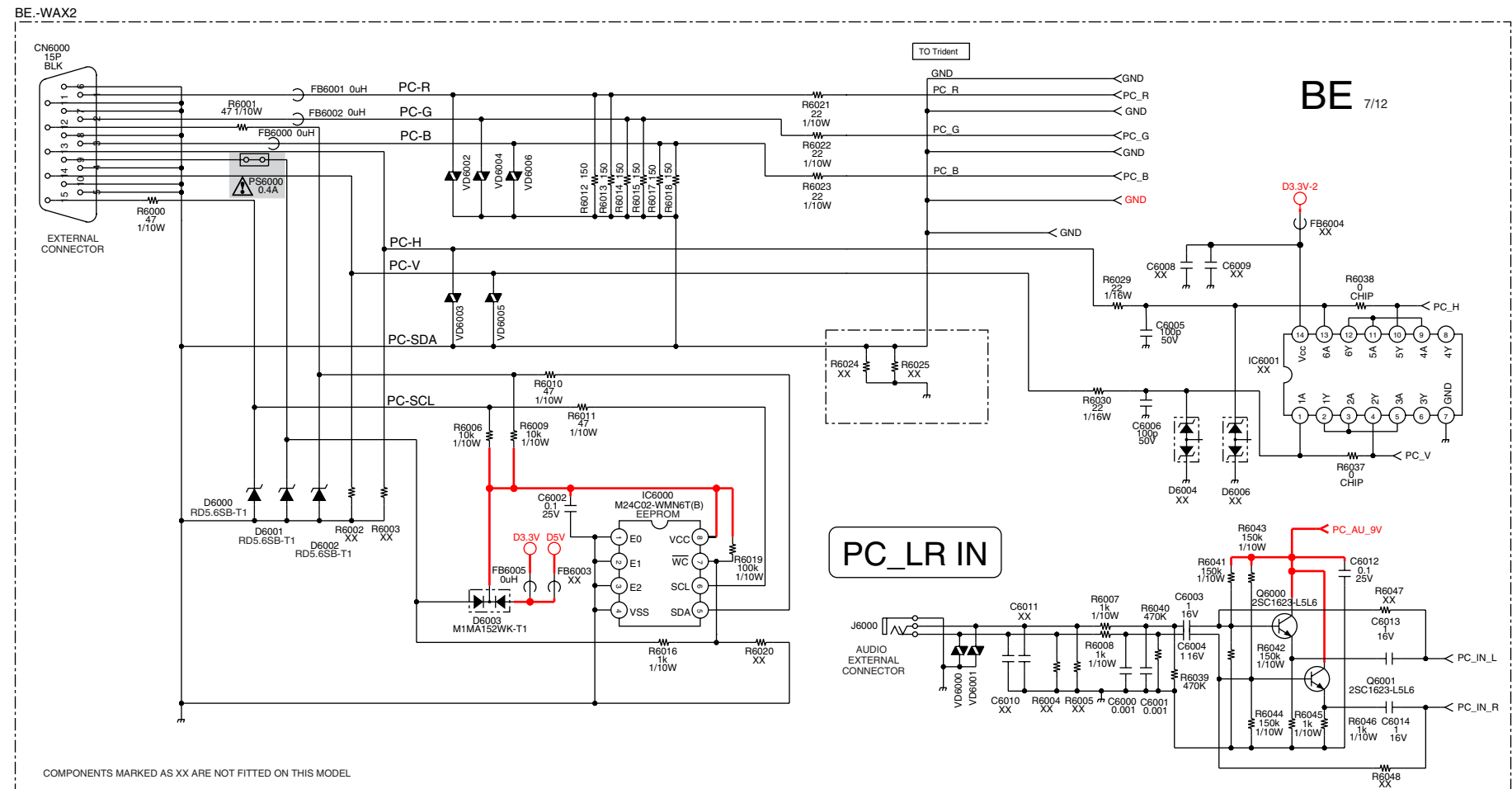
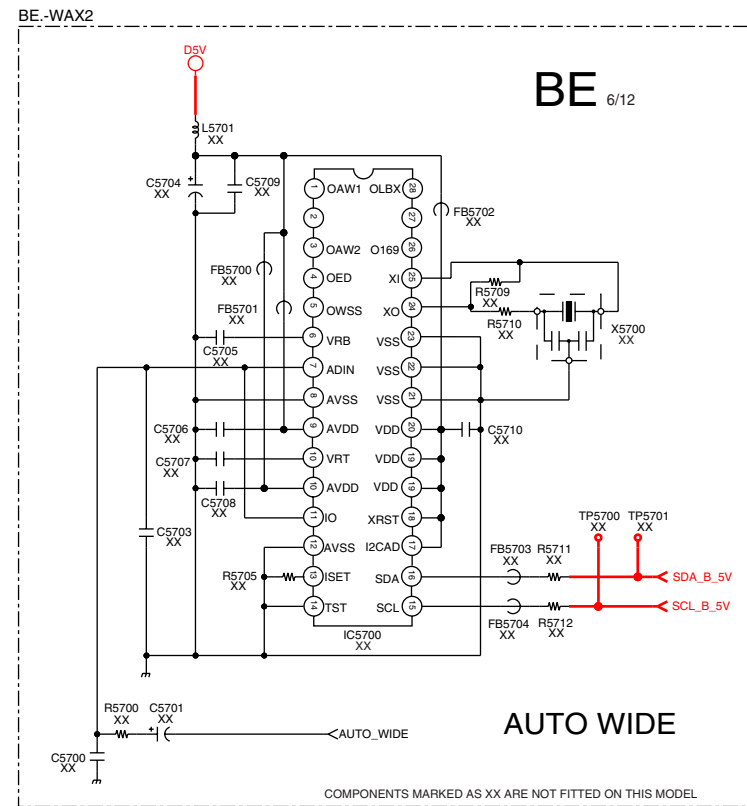
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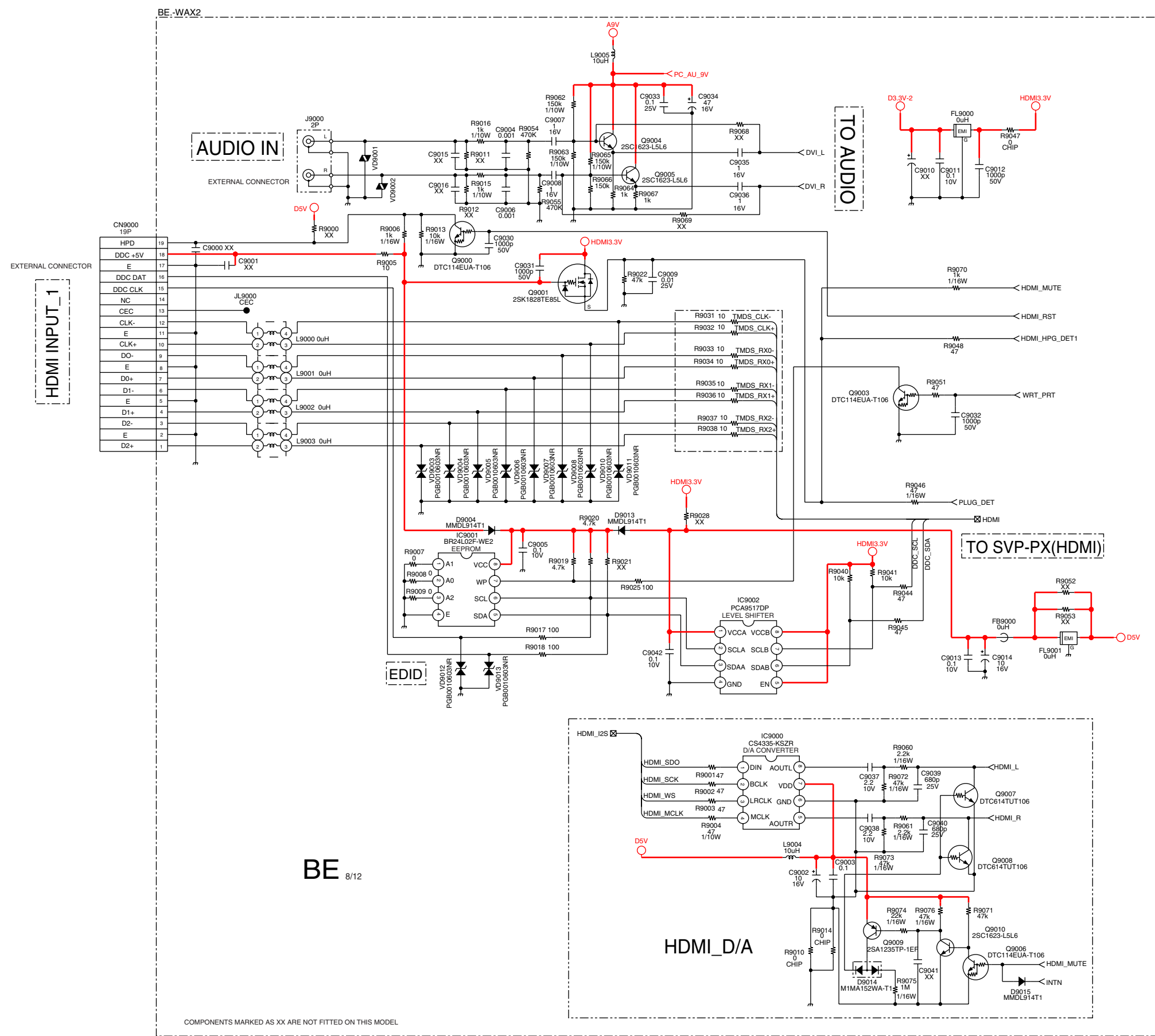




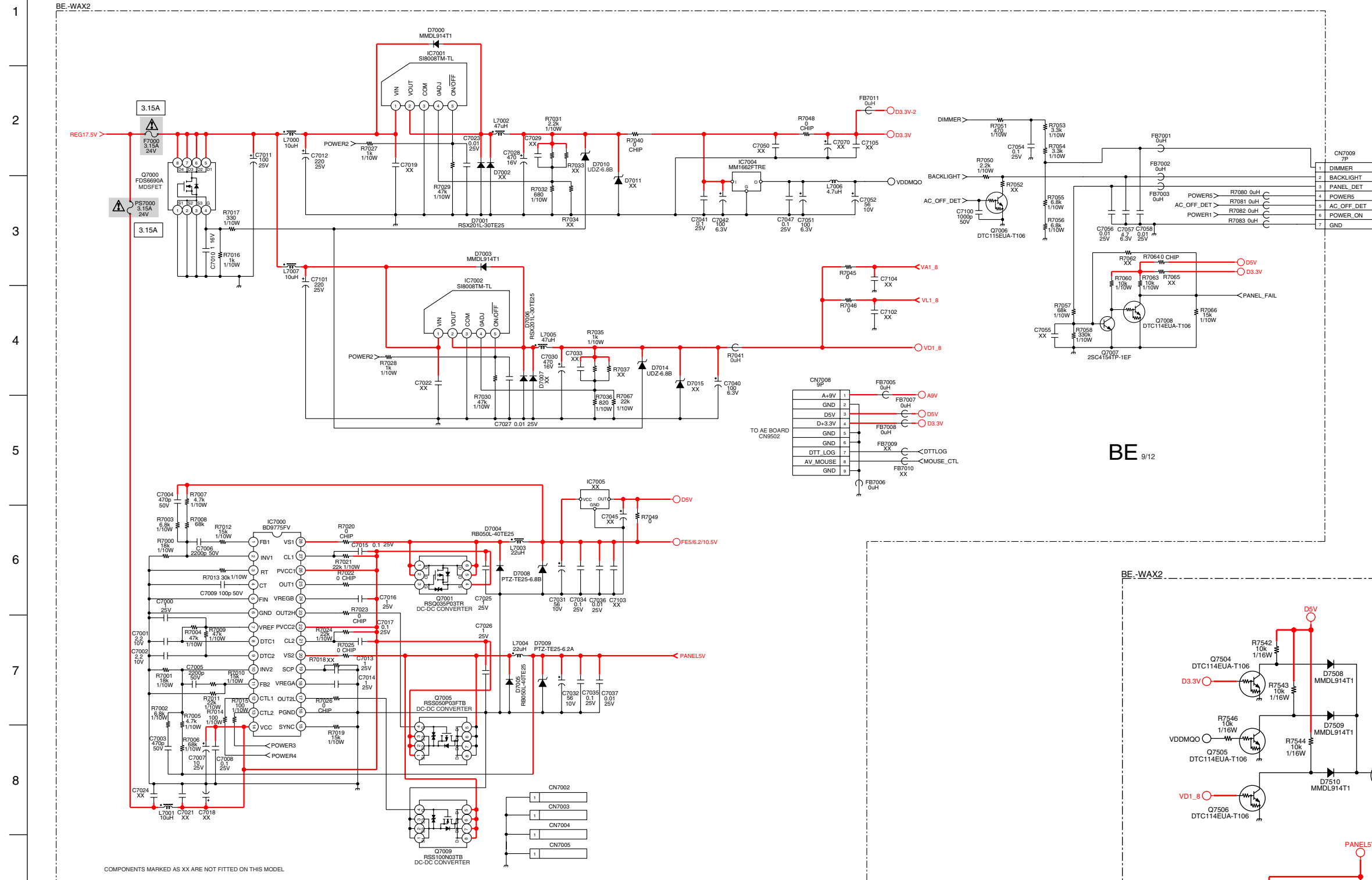


~ BE Board Schematic Diagram [Main Micro Processor & Video Processor] Page 6/12 ~

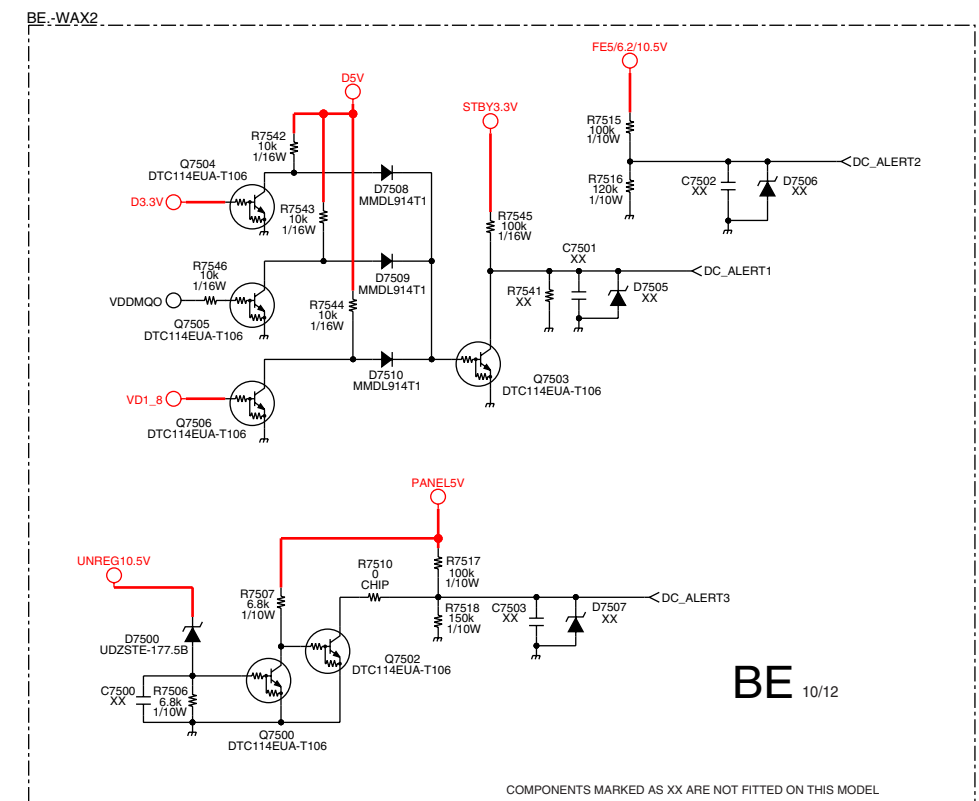




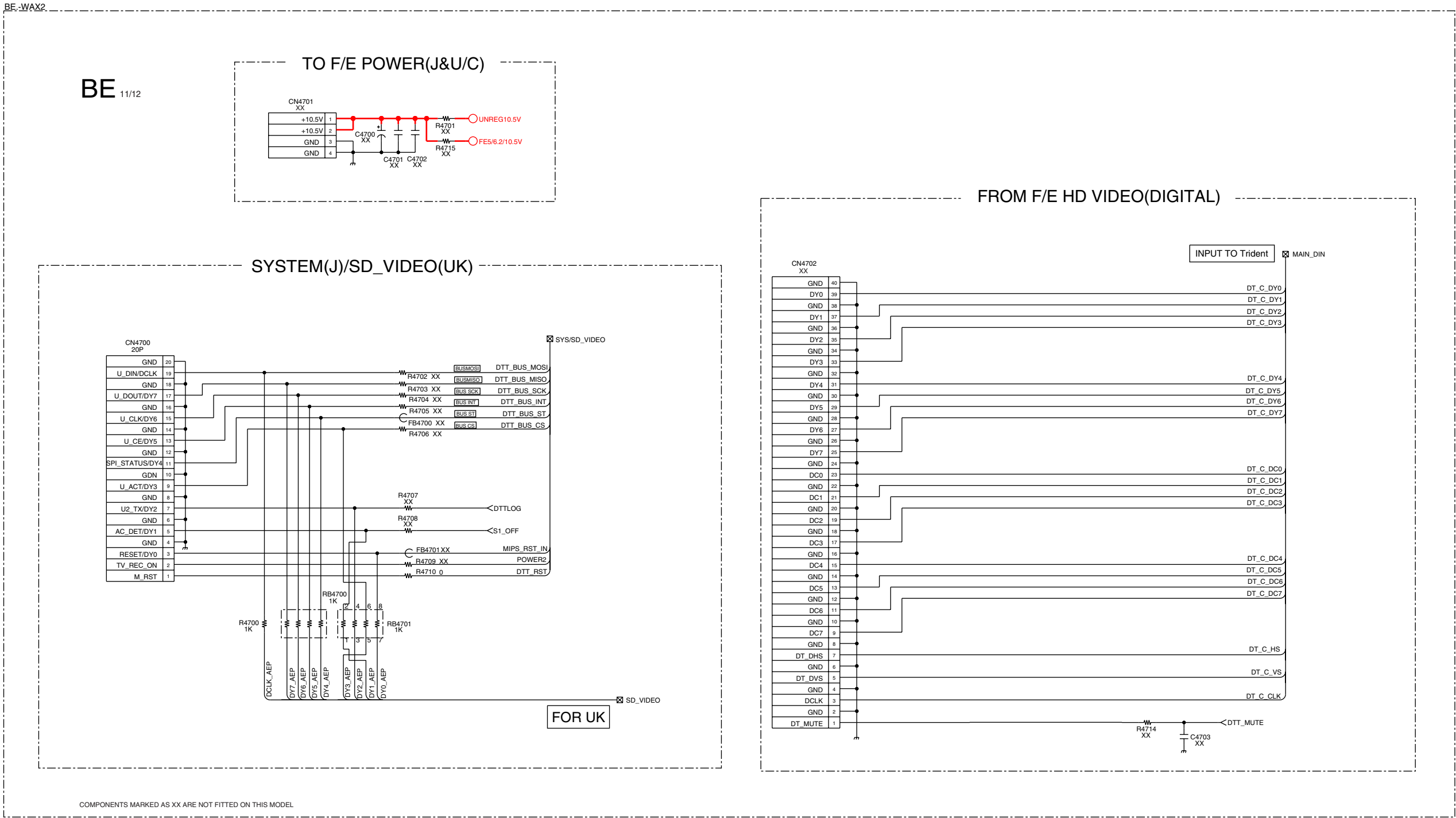
~ BE Board Schematic Diagram [Main Micro Processor & Video Processor] Page 9/12 ~

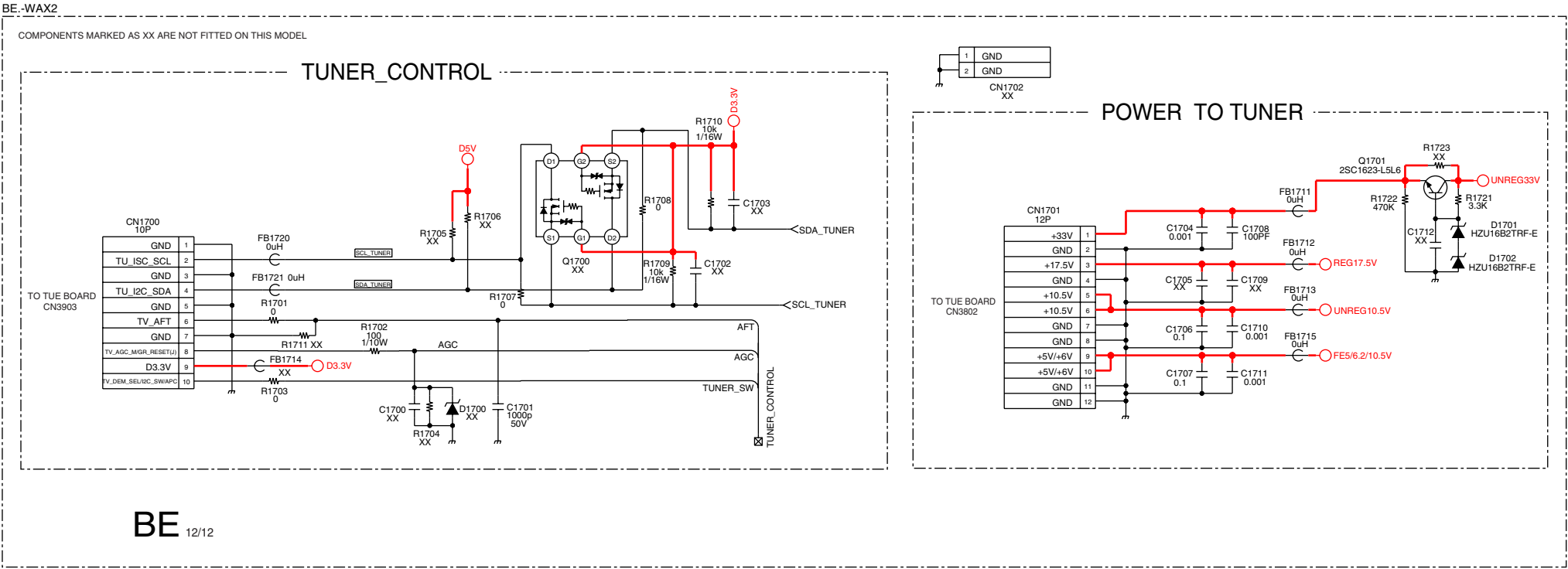


BE 9/12



BE 10/12





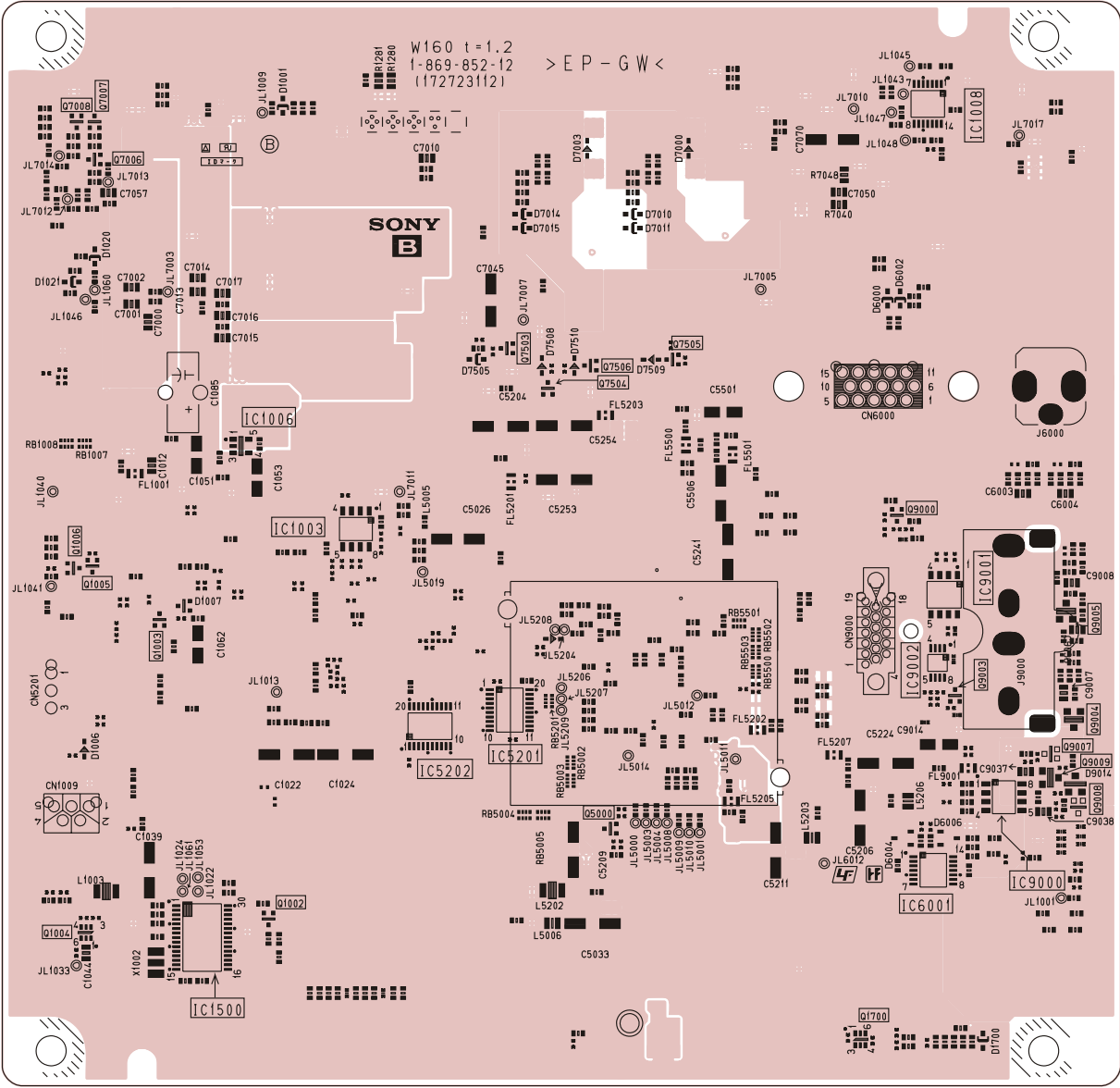


~ BE Board Semiconductor Voltage Table Side A ~

~ BE Board IC Voltage Table Side A ~

- 50 -

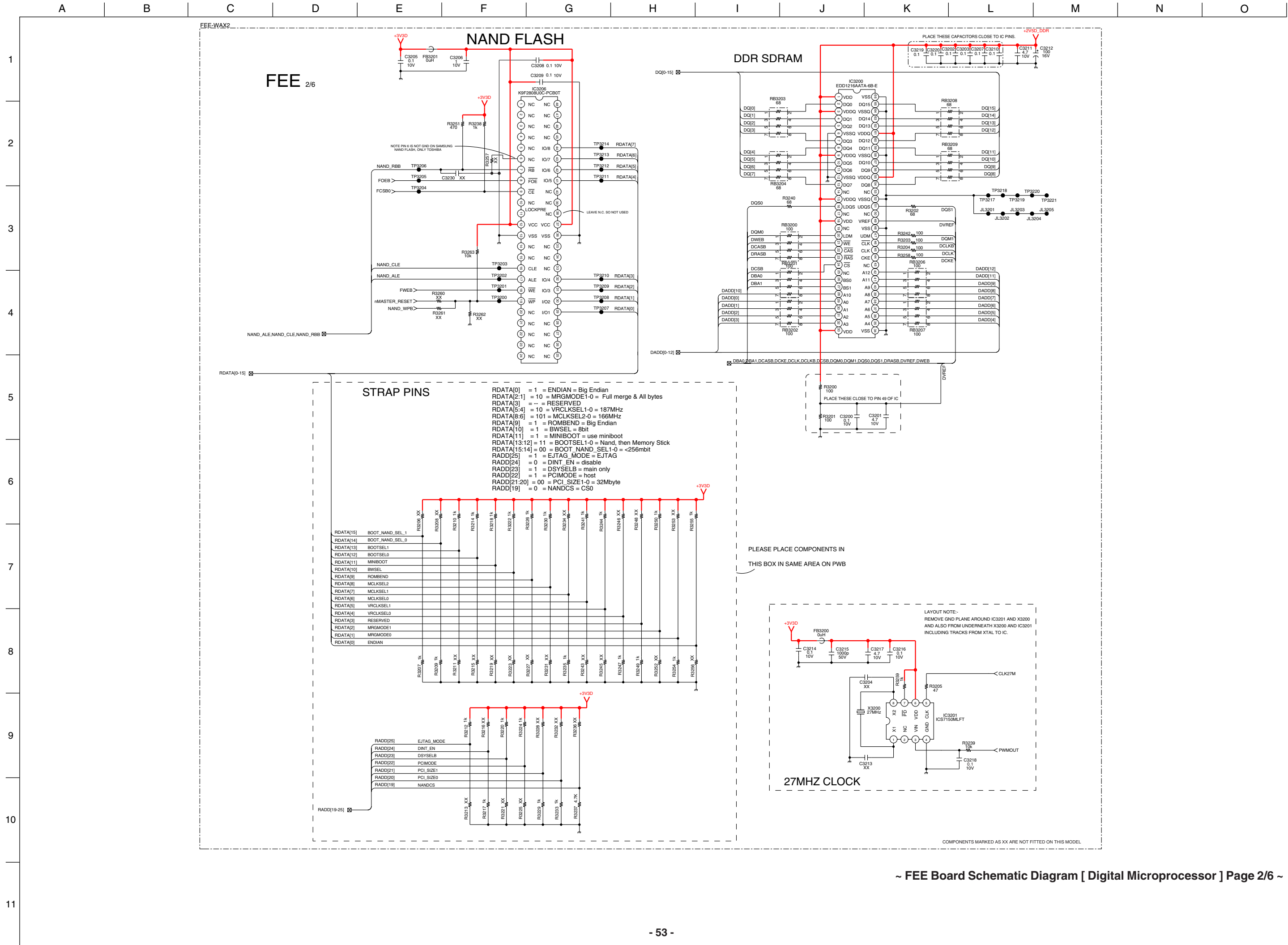
~ BE Printed Wiring Board Conductor Side B ~

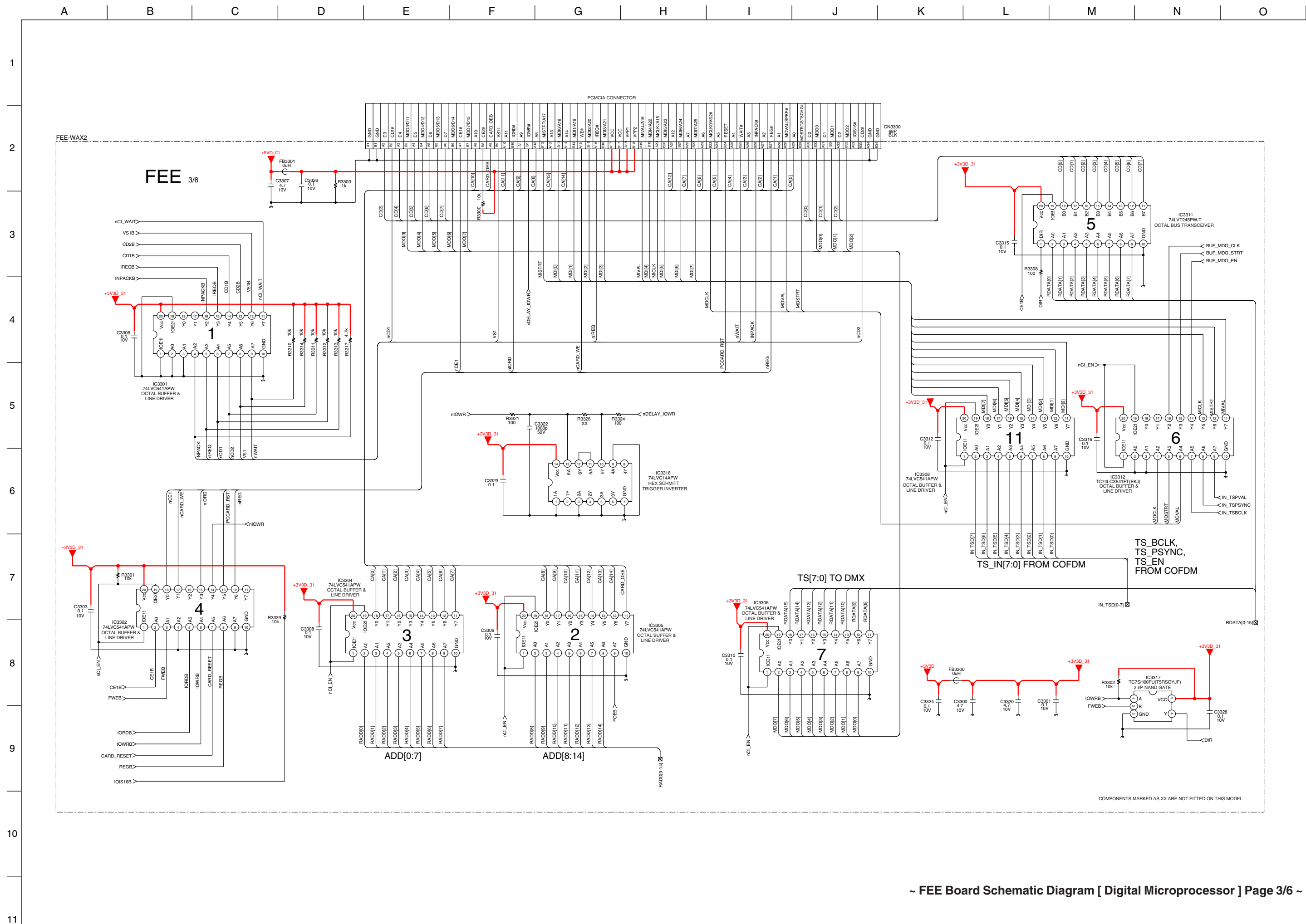


~ BE Board Semiconductor Location Table Side B ~

DIODE		D7000		E - 2		IC		TRANSISTOR		Q7504		D - 3	
D1001	B - 1	D7000	D - 2	IC1003	B - 4	Q1002	B - 6	Q7505	E - 3	Q7506	D - 3	Q7509	D - 3
D1006	A - 5	D7010	D - 2	IC1006	B - 3	Q1003	B - 5	Q7506	D - 3	Q9000	F - 4	Q9003	F - 5
D1007	B - 4	D7011	D - 2	IC1008	F - 1	Q1004	A - 6	Q7509	D - 3	Q9004	G - 5	Q9005	G - 4
D1020	A - 2	D7014	D - 2	IC1500	B - 7	Q1005	A - 4	Q9000	F - 4	Q9007	G - 5	Q9008	G - 5
D1021	A - 2	D7015	D - 2	IC5201	D - 5	Q1006	A - 4	Q9003	F - 5	Q9009	G - 5	Q9010	G - 5
D1700	F - 7	D7503	D - 3	IC5202	C - 5	Q1700	F - 7	Q9004	G - 5	Q9011	G - 5	Q9012	G - 5
D6000	F - 2	D7505	C - 3	IC6001	F - 6	Q5000	D - 6	Q9005	G - 4	Q9013	G - 5	Q9014	G - 5
D6002	F - 2	D7508	D - 3	IC9000	F - 6	Q7006	A - 2	Q9007	G - 5	Q9015	G - 5	Q9016	G - 5
D6004	F - 6	D7510	D - 3	IC9001	F - 4	Q7007	A - 1	Q9008	G - 5	Q9017	G - 5	Q9018	G - 5
D6006	F - 5	D9014	G - 5	IC9002	F - 5	Q7008	A - 1	Q9009	G - 5	Q9019	G - 5	Q9020	G - 5

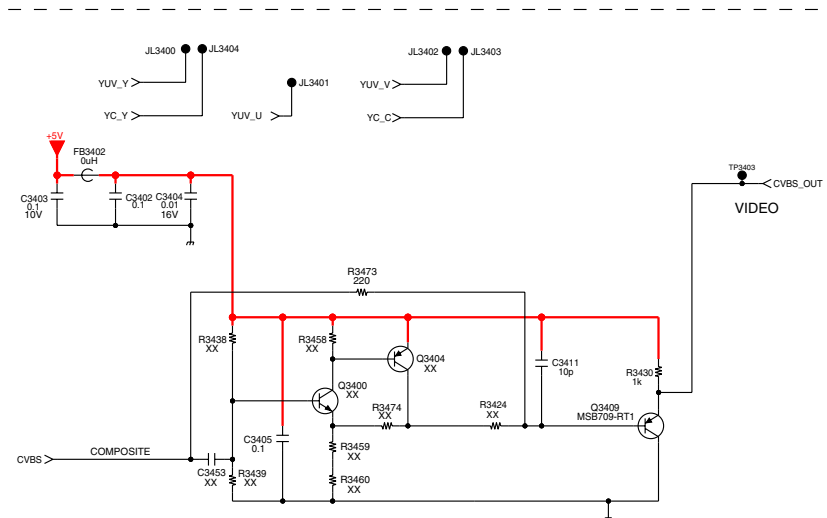




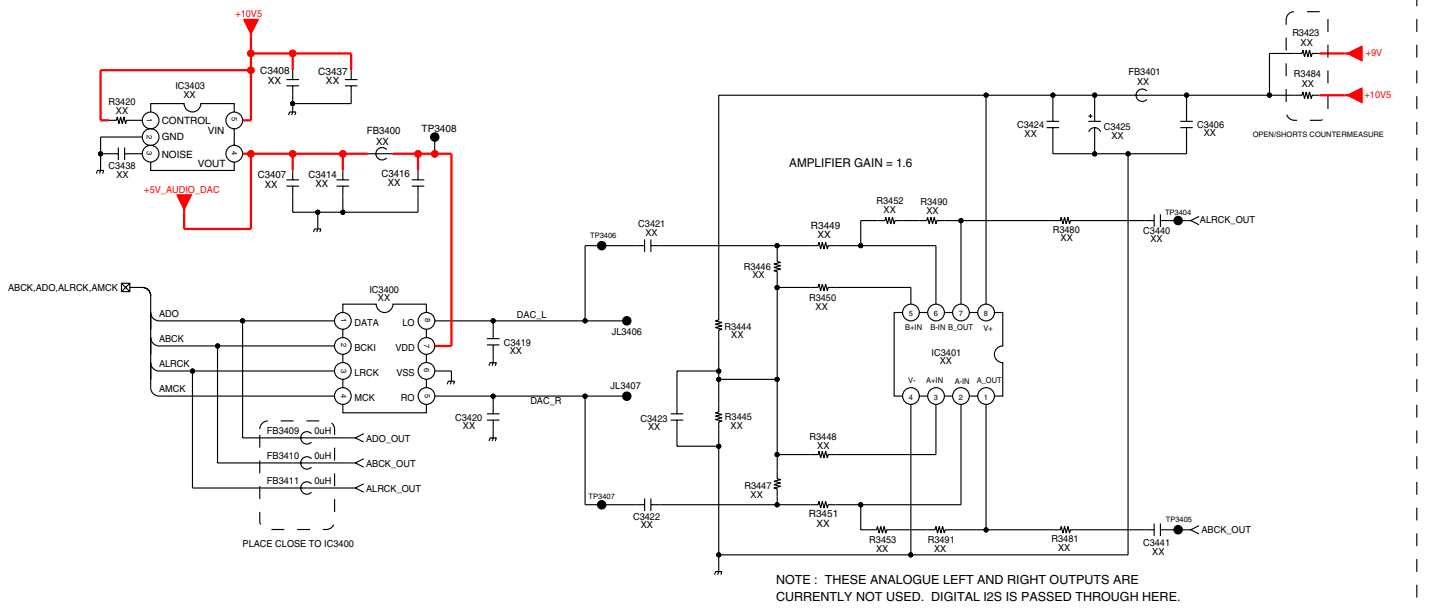


FEE-WAX2

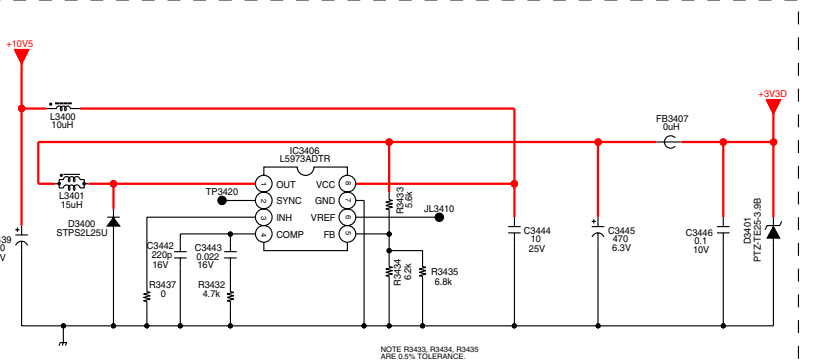
FEE 4/6



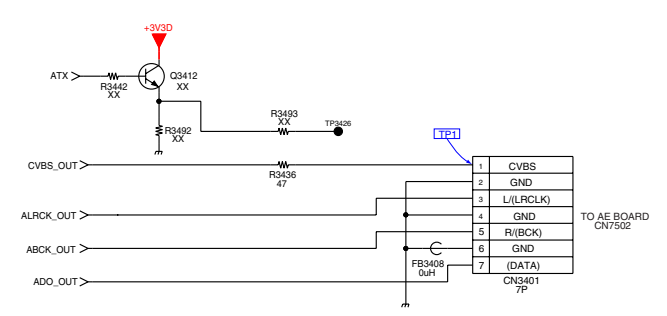
VIDEO AMPS/BUFFERS



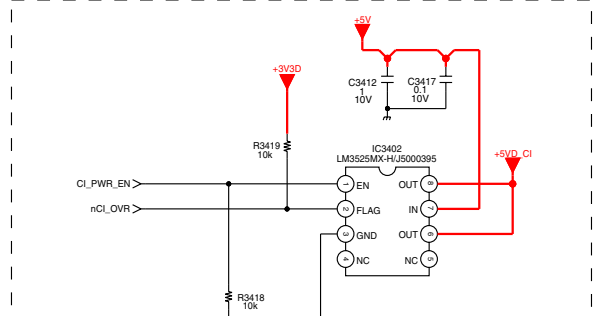
AUDIO DAC & AMP



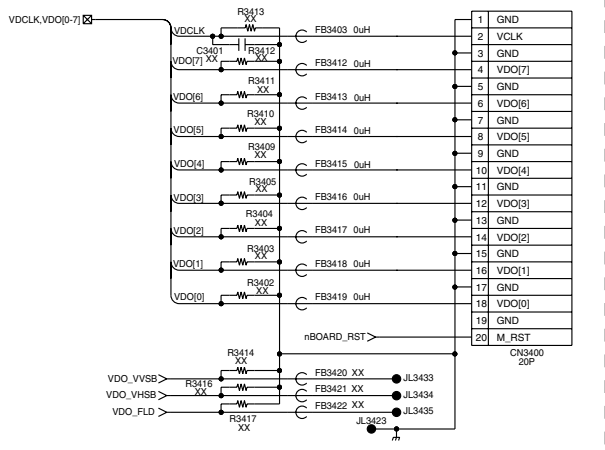
EMMA 3V3 REG



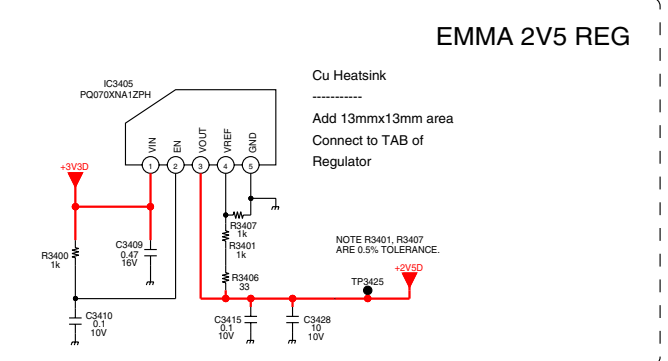
SYSTEM & I2S AUDIO & VIDEO



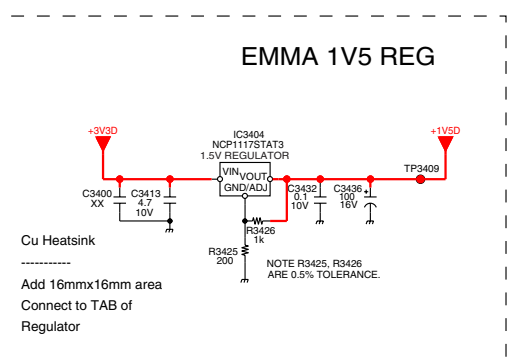
CI POWER SWITCH



DIGITAL VIDEO OUT

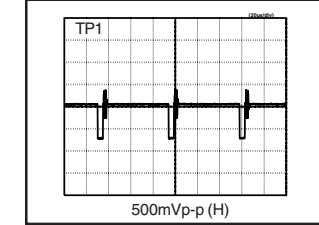


EMMA 2V5 REG



EMMA 1V5 REG

~ FEE (4/6) Board Waveform ~

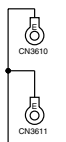


COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

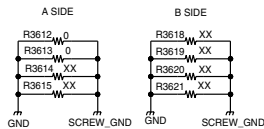
FEE-WAX2

FEE 6/6

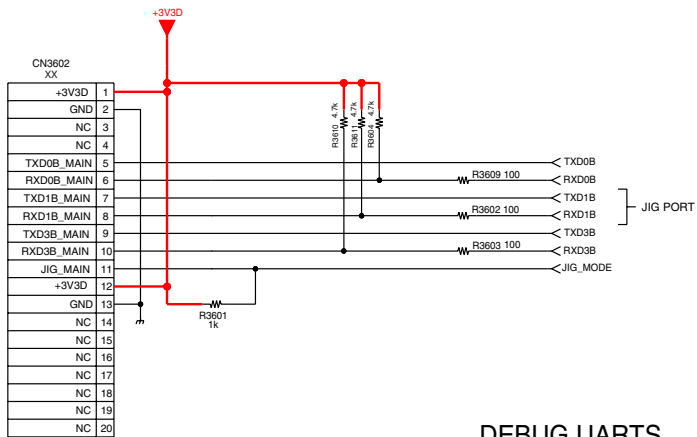
NOTE: THESE ARE THE TWO SCREW CONNECTIONS TO THE GND ISLAND NEAR END OF C1 CONNECTOR. THIS ISLAND IS GROUNDED VIA THE CHASSIS SCREWS. IT CONNECTS TO MAIN FEE GND BY 1mm WIDE COPPER TRACKS.



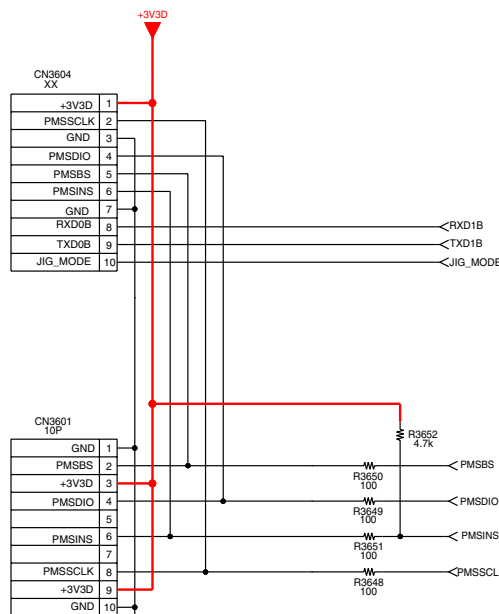
GND CONNECTORS



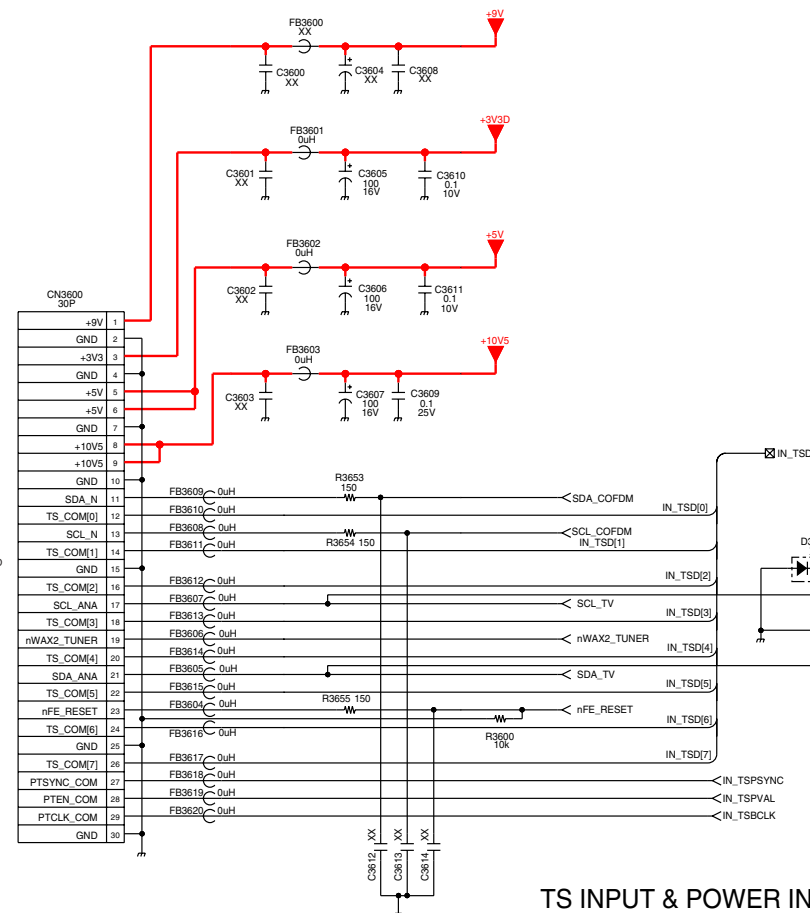
BEAT COUNTERMEASURE



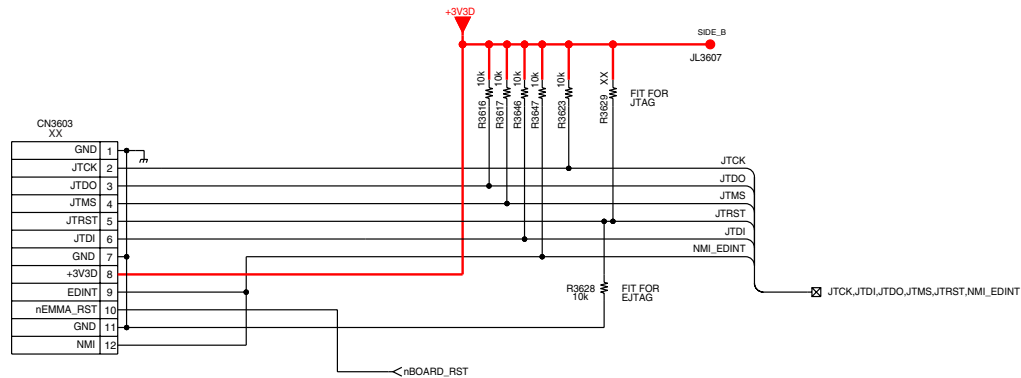
DEBUG UARTS



SERVICE (MEMORY STICK) CONNECTOR

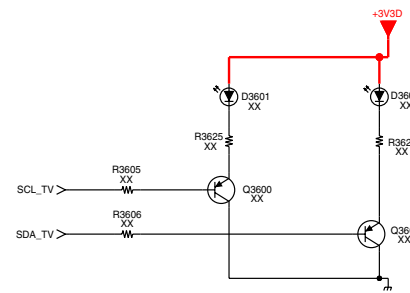


TS INPUT & POWER IN

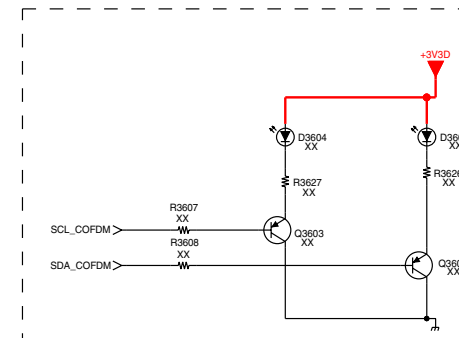


EJTAG CONNECTION

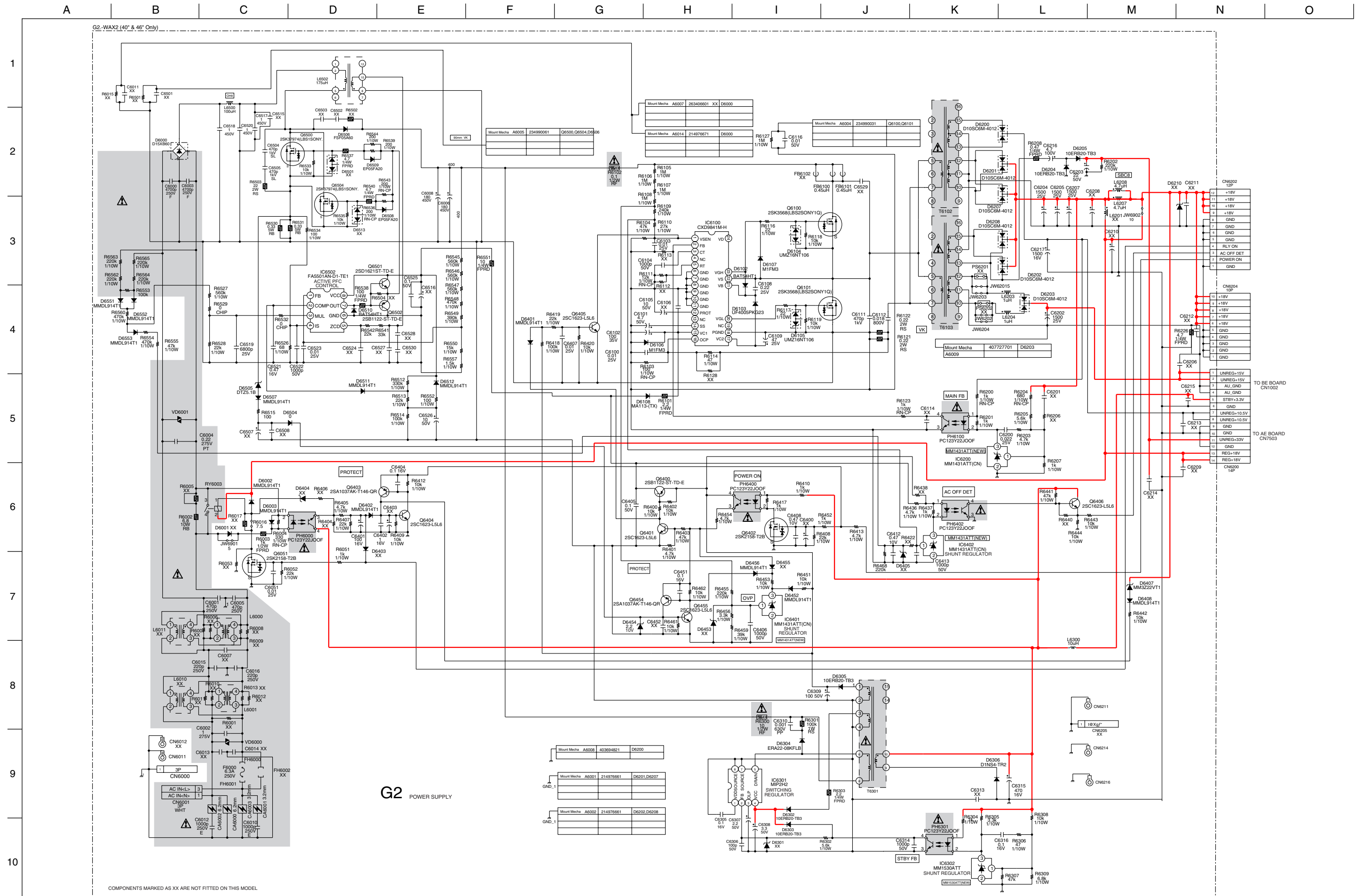
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

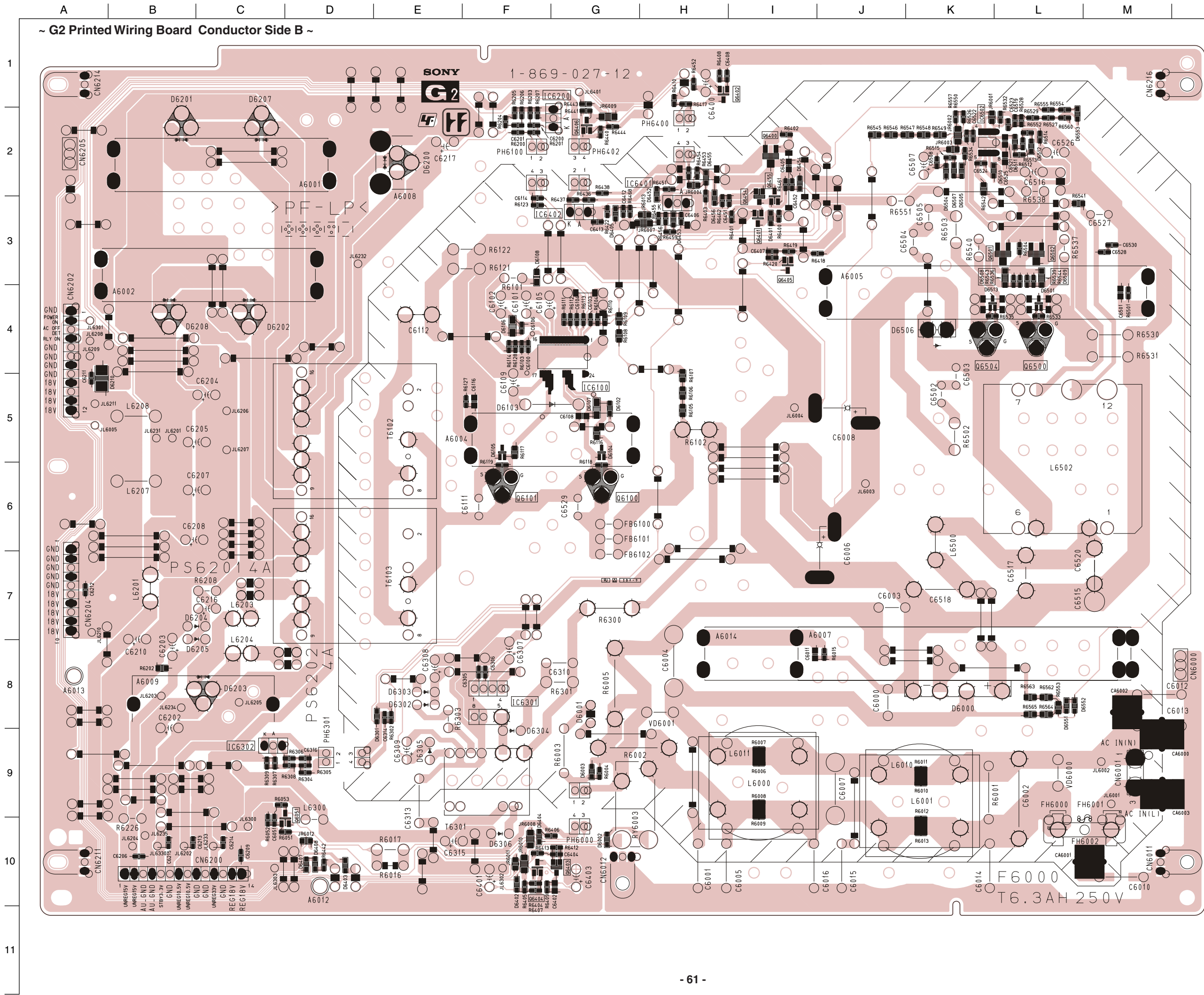


I2C_TV



I2C_COFDM

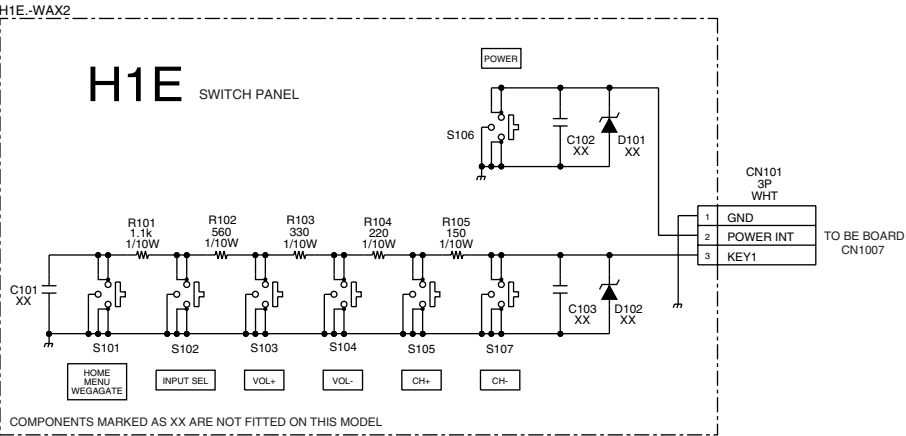




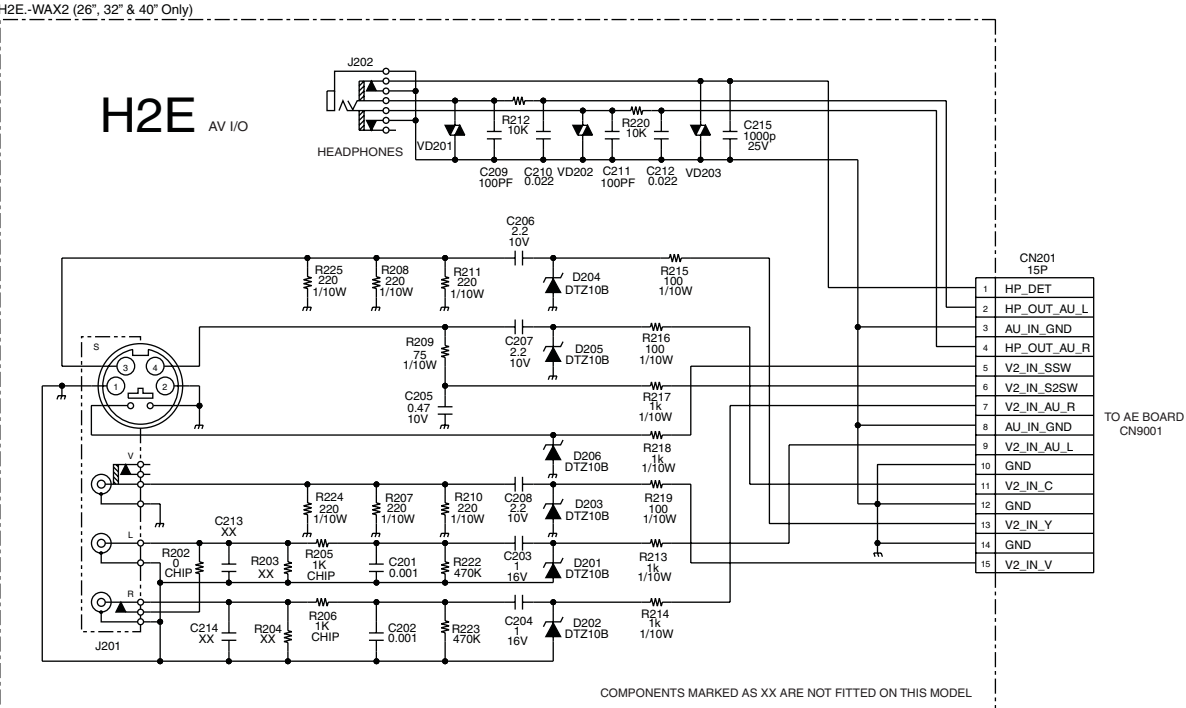
~ G2 Board Semiconductor Location Table Side B ~

DIODE			
D6000	K - 8	D6501	L - 4
D6001	G - 8	D6504	K - 3
D6002	G - 10	D6505	K - 3
D6102	G - 5	D6506	J - 4
D6103	F - 5	D6507	K - 3
D6104	G - 5	D6508	K - 3
D6105	F - 5	D6509	L - 3
D6106	F - 4	D6510	L - 2
D6107	G - 5	D6511	L - 2
D6108	F - 3	D6512	L - 2
D6200	E - 2	D6513	K - 3
D6201	B - 2	D6533	L - 2
D6202	B - 4	D6551	L - 8
D6203	C - 8	D6552	L - 8
D6204	B - 7	IC	
D6205	B - 8	IC6100	G - 5
D6207	C - 2	IC6200	G - 2
D6208	C - 4	IC6301	F - 8
D6210	A - 5	IC6302	C - 9
D6301	D - 9	IC6401	G - 2
D6302	E - 8	IC6402	F - 3
D6303	E - 8	IC6502	K - 2
D6304	F - 9	TRANSISTOR	
D6305	E - 9	Q6051	C - 10
D6306	F - 10	Q6100	G - 6
D6401	I - 3	Q6101	F - 6
D6402	F - 10	Q6400	I - 2
D6403	D - 10	Q6401	I - 3
D6404	F - 10	Q6402	I - 2
D6405	G - 3	Q6403	G - 10
D6407	D - 10	Q6404	F - 10
D6452	H - 3	Q6405	I - 3
D6453	H - 3	Q6406	G - 2
D6454	I - 2	Q6454	I - 2
D6455	H - 2	Q6455	I - 2
D6456	H - 3	Q6500	L - 4
		Q6501	K - 3
		Q6502	L - 3
		Q6504	K - 4

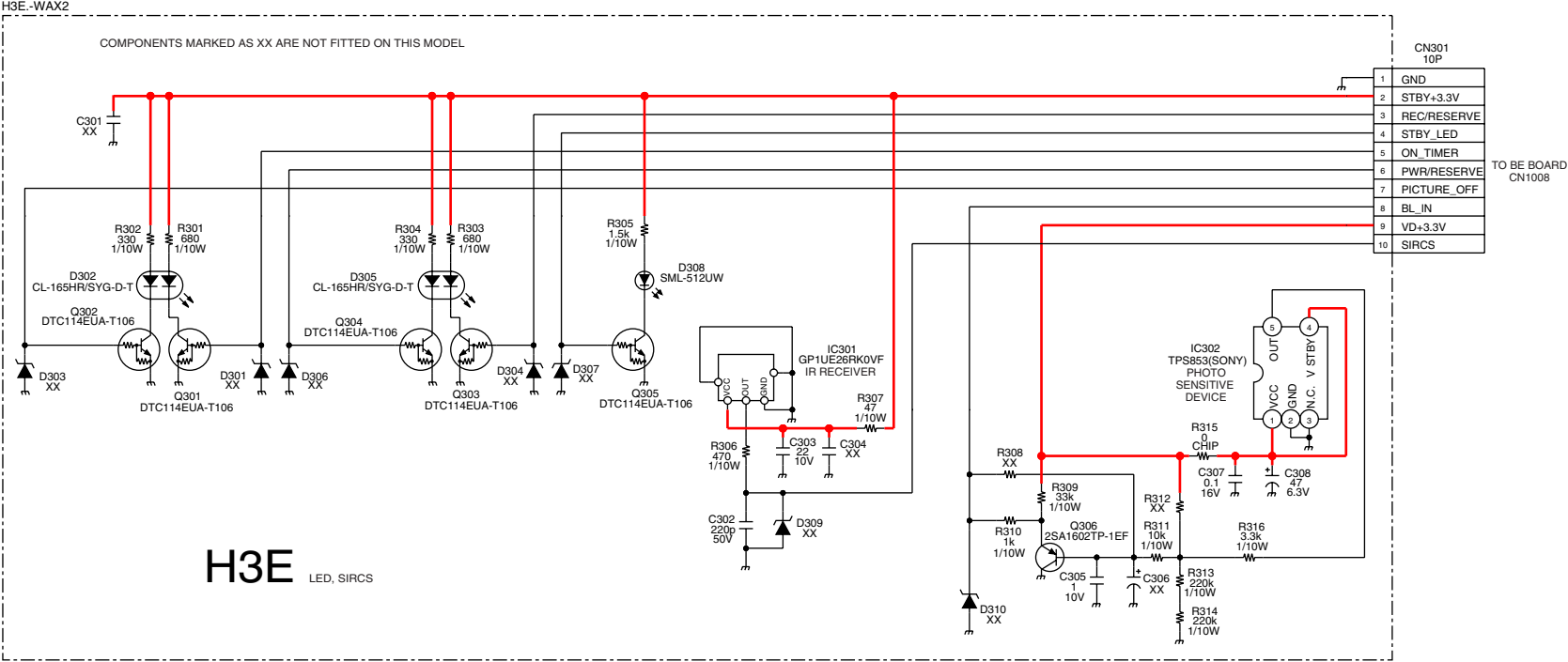
~ H1E Board Schematic Diagram [Switch Panel] ~



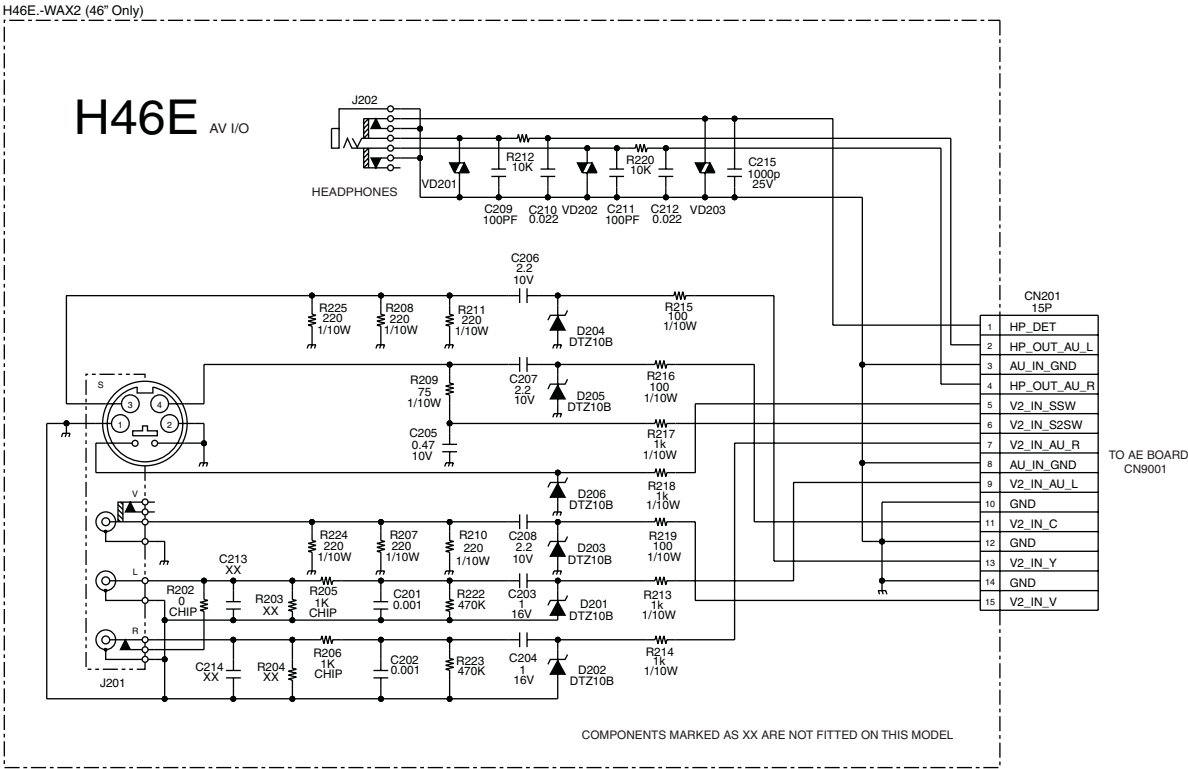
~ H2E Board Schematic Diagram [AV I/O] ~



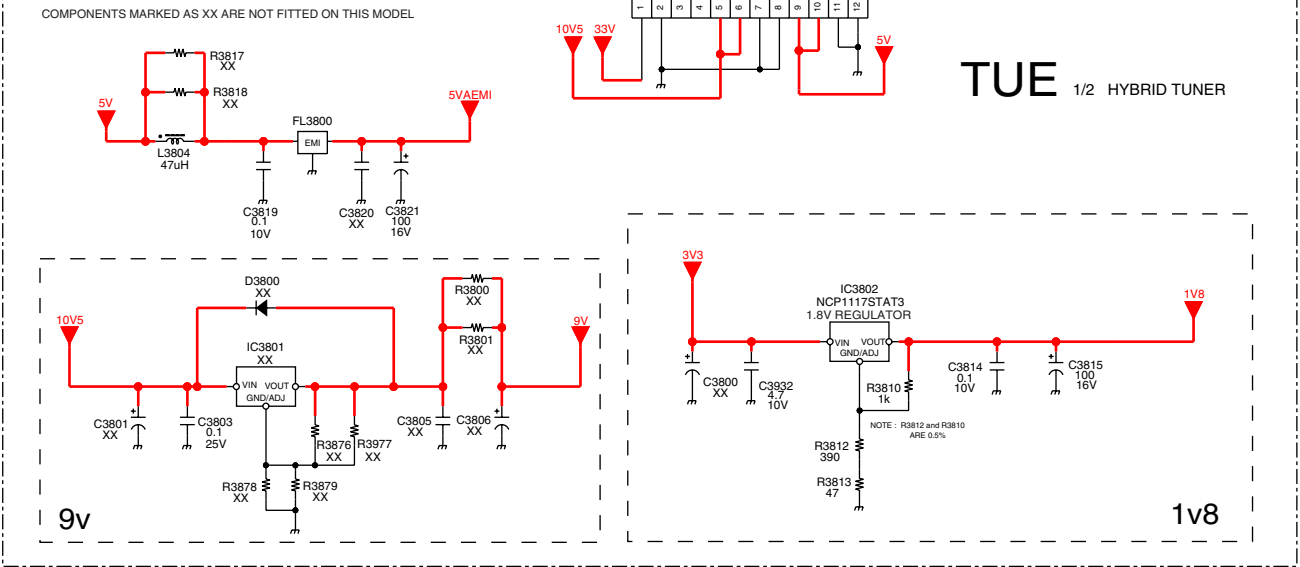
~ H3E Board Schematic Diagram [Led, Sircs] ~



~ H46E Board Schematic Diagram [AV I/O] ~

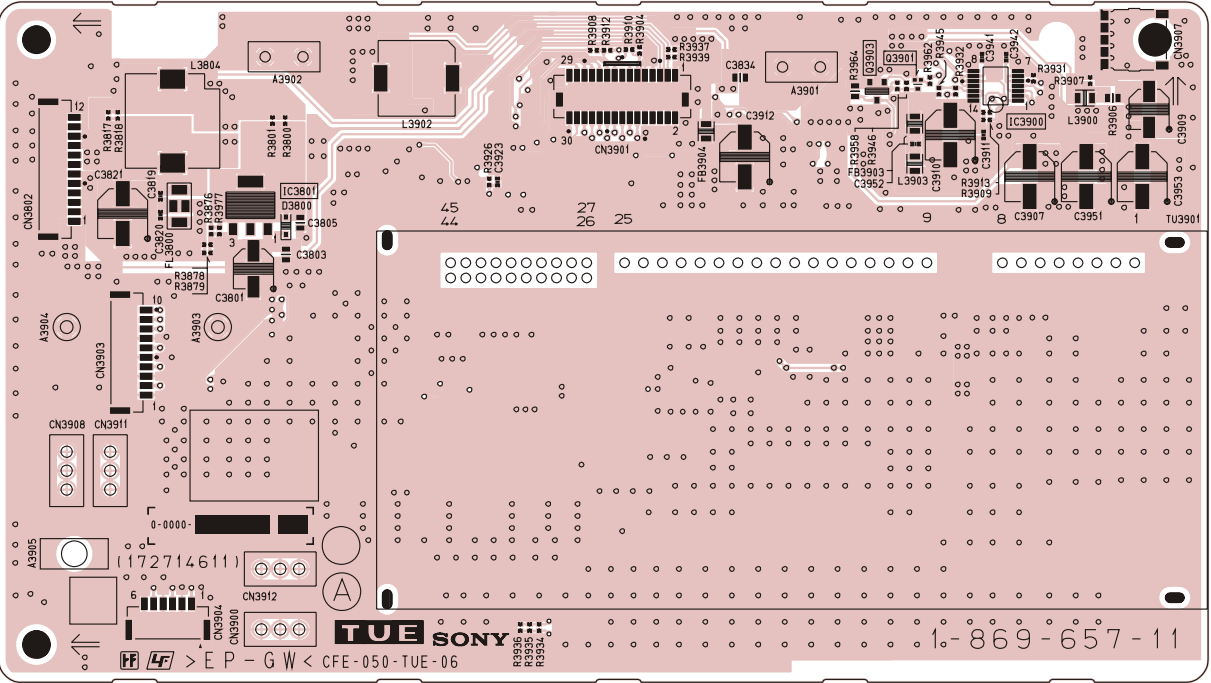


TUE-WAX2





~ TUE Printed Wiring Board Conductor Side A ~



~ TUE Board Semiconductor Location Table Side A ~

DIODE		IC3900	G - 3
D3800	C - 3	TRANSISTOR	
IC		Q3901	G - 2
IC3801	C - 3	Q3903	F - 2

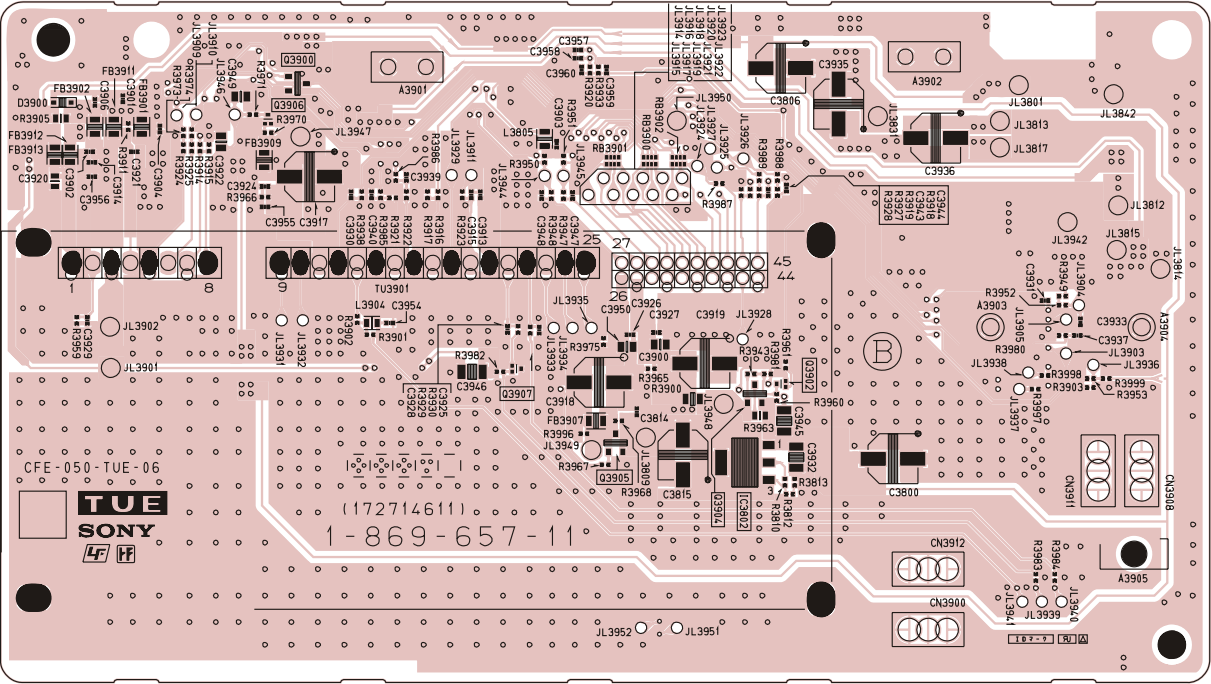
~ TUE Board Semiconductor Voltage Table Side A ~

Ref	(e)(s)	(b)(g)	(c)(d)
Q3900	0	3.2	0
Q3901	0	0.7	0
Q3903	4.9	4.2	4.9

~ TUE Board IC Voltage Table Side A ~

Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)
IC3900	1-4	3.3	IC3900	8-11	3.3
	5-6	3.2		12-13	0
	7	0		14	3.3

~ TUE Printed Wiring Board Conductor Side B ~

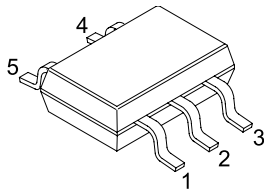


~ TUE Board Semiconductor Location Table Side B ~

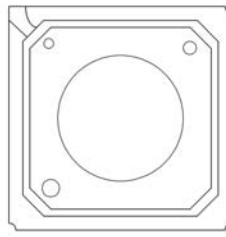
DIODE		TRANSISTOR		Q3905	E - 10
D3980	B - 8	Q3900	C - 8	Q3906	C - 8
IC		Q3902	F - 9	Q3907	D - 9
IC3802	F - 10	Q3904	F - 10		

4-4. SEMICONDUCTORS

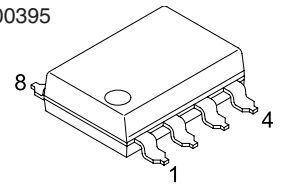
74LVC14APW
74LVC4066PW
74LVC541APW



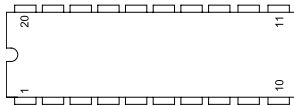
CXD9199GG-D



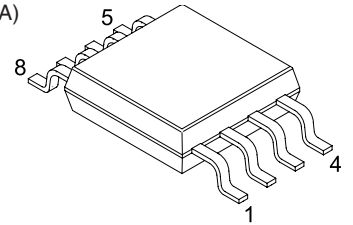
LM3525MX-H/J5000395



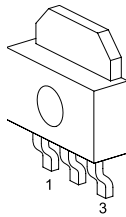
74LVT245PW-T



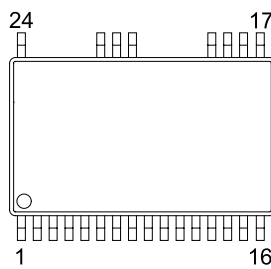
LM393DT (A)



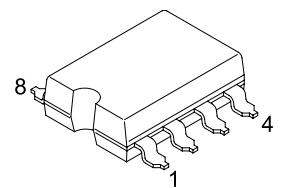
BA09FP-E2



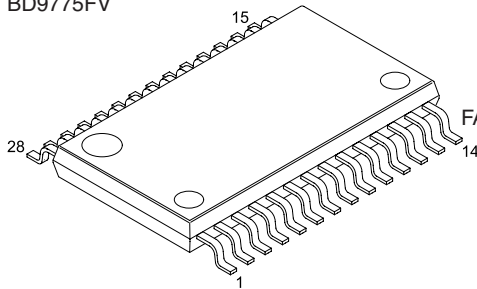
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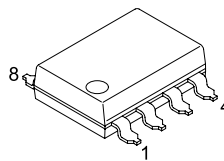
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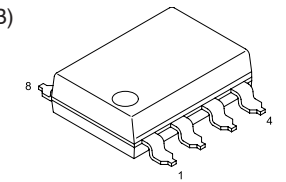
BD9775FV



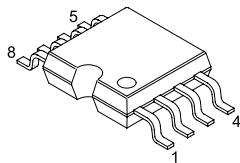
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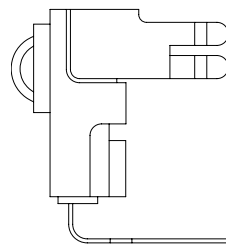
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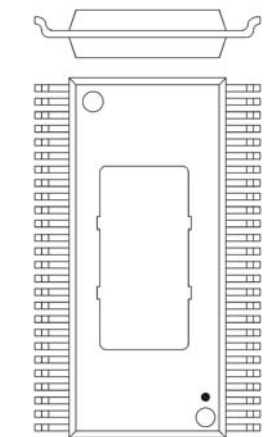
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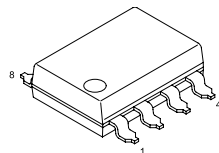
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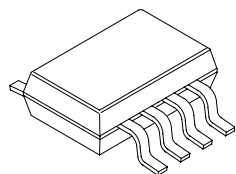
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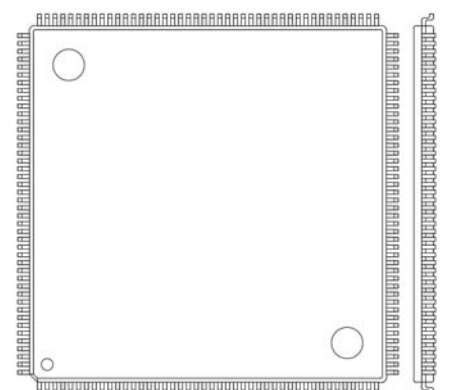
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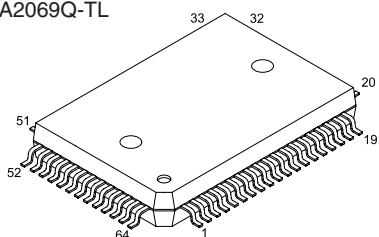
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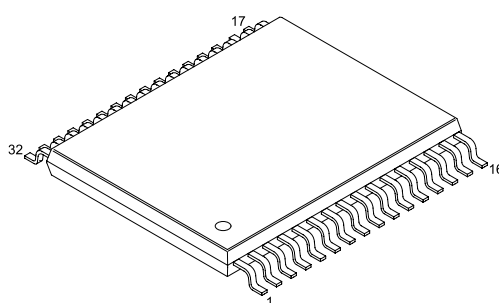
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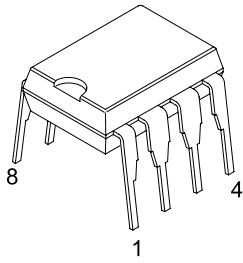
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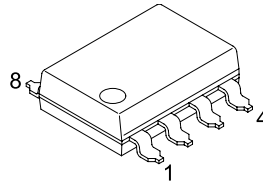
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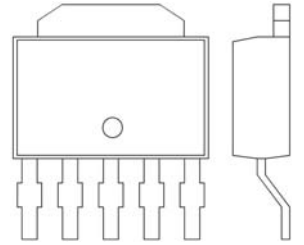
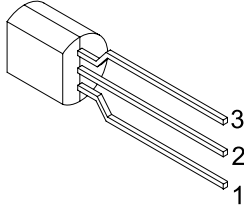
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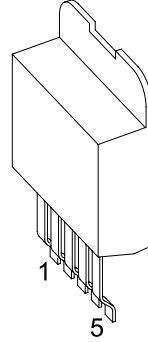
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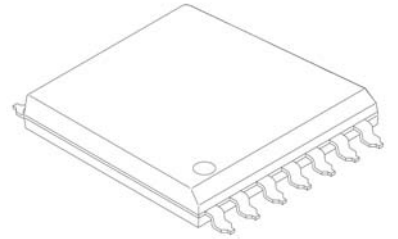
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MM1431ATT(CN)
MM1530ATT

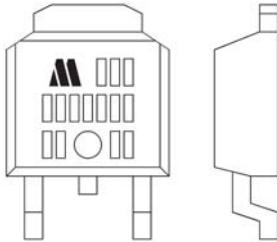
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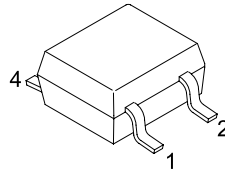
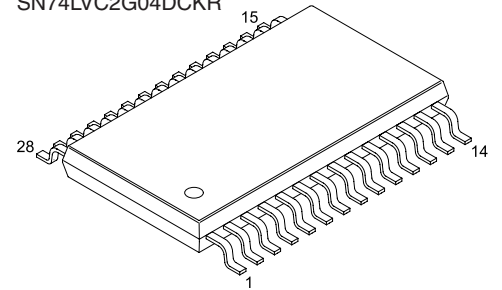
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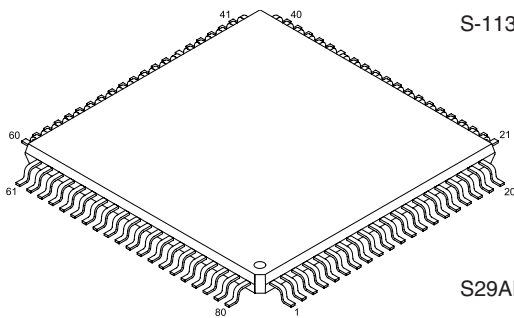
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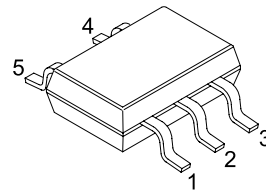
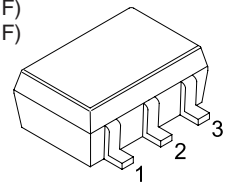
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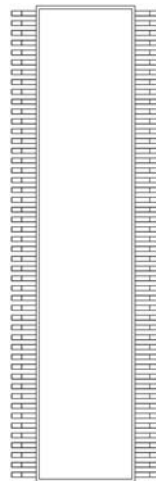
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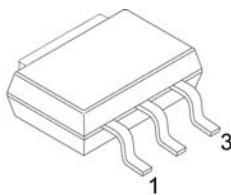
S-1132B18-M5T1G

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TC7SH86FU (T5RSOYJF)

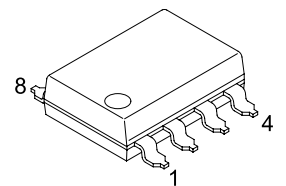
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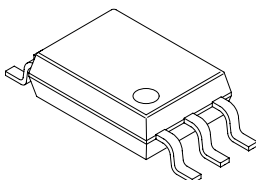
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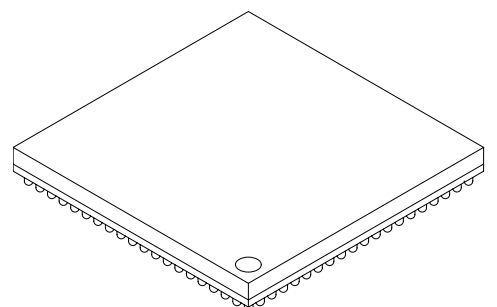
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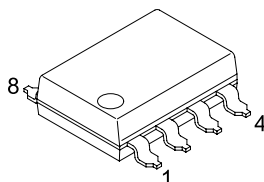
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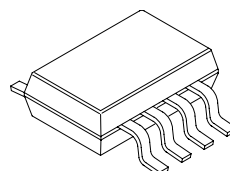
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NJM4558V-TE2



S-35390A-J8T1G



SECTION 5 EXPLODED VIEWS

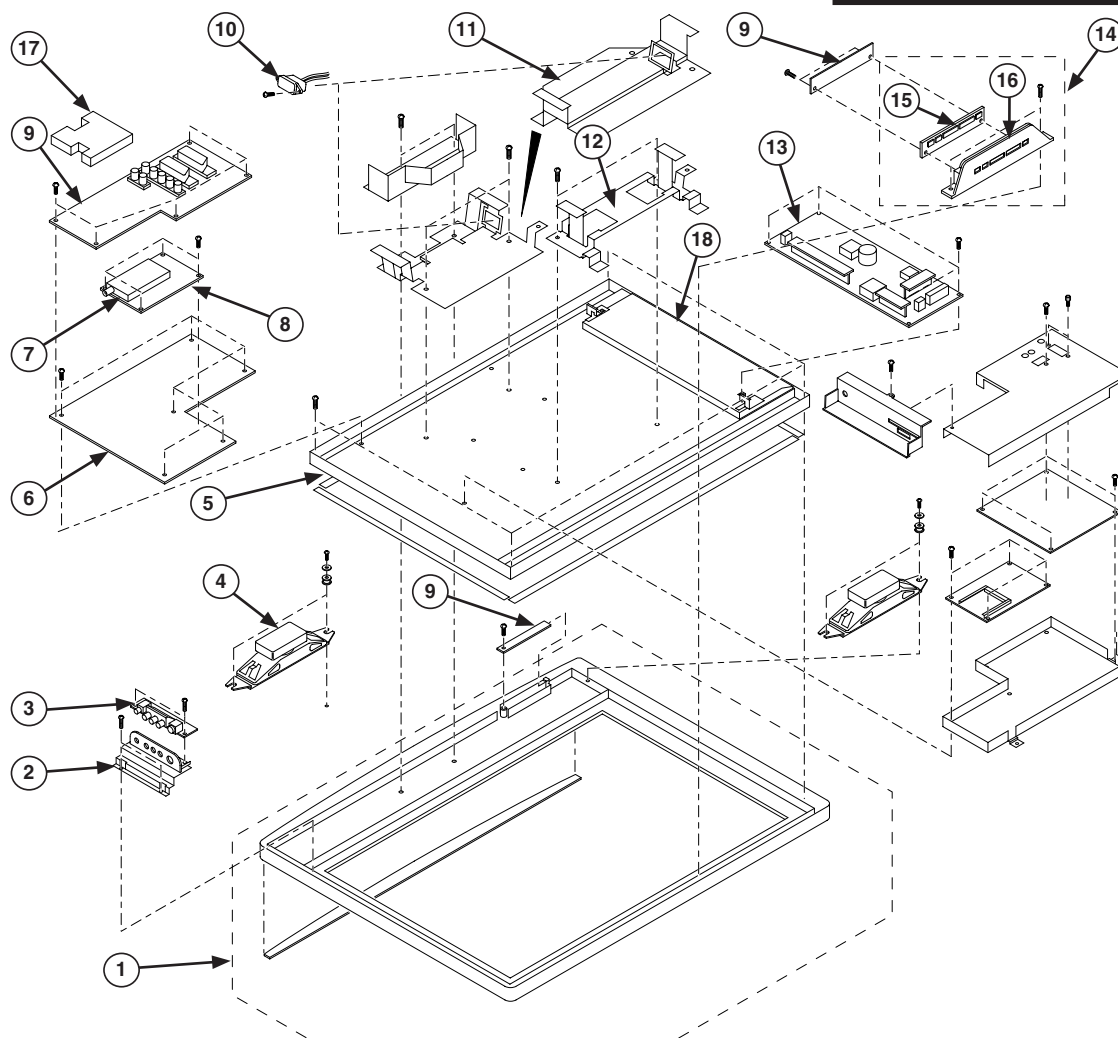
NOTE :

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note : Les composants identifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces du numéro spécifié.

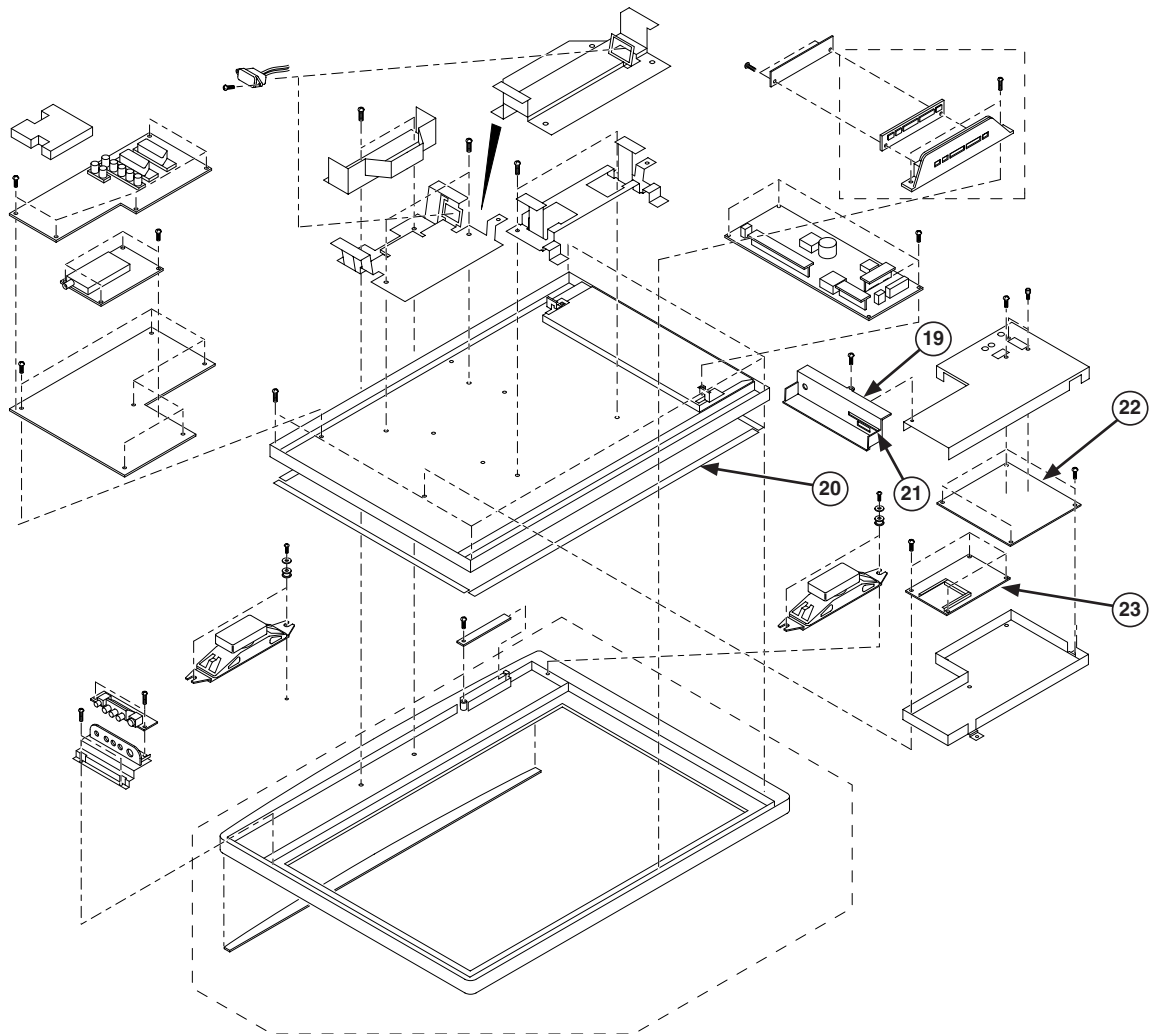
Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

5-1. CHASSIS



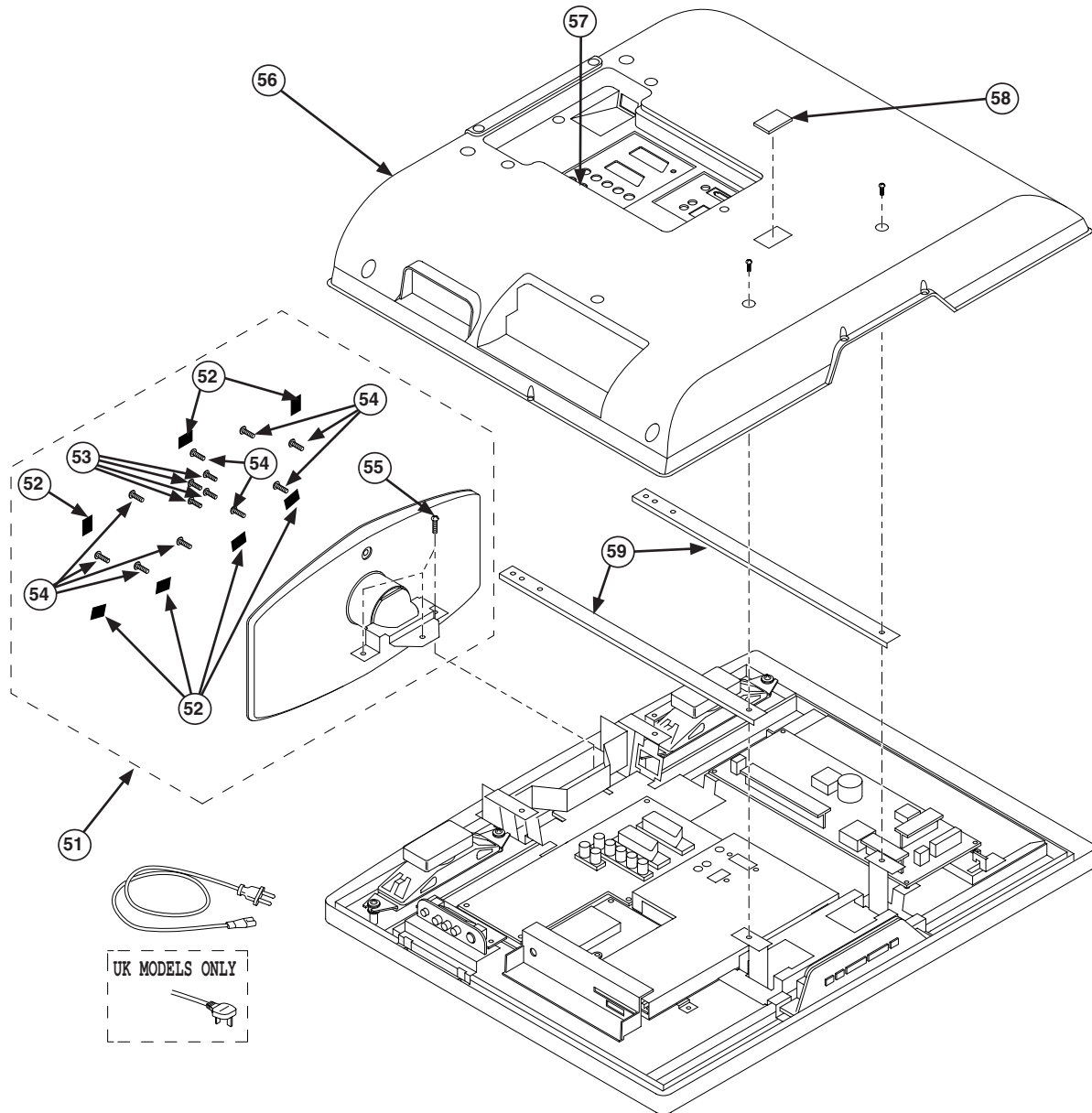
REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
1	X-2108-506-2	BEZEL ASSY (26) (26S2000 UK/AEP)			1-802-059-11	LCD PANEL (40S2000/S2010 UK/AEP)	
	X-2109-273-2	BEZEL ASSY (26) (26S2010 UK/AEP)			1-802-100-12	LCD PANEL (46S2000/S2010 UK/AEP)	
	X-2148-118-2	BEZEL ASSY (26) (26S2020 UK/AEP)		6	*X-2109-046-2	BRACKET, (A,TU) (C) ASSY	
	X-2108-491-2	BEZEL ASSY (32) (32S2000 UK/AEP)		7	8-597-571-00	TUNER UNIT, DIGITAL BTD-HF431Z	
	X-2109-272-2	BEZEL ASSY (32) (32S2010 UK/AEP)		8	*A-1173-184-A	TUE BOARD COMPLETE WAX2	
	X-2148-119-2	BEZEL ASSY (32) (32S2020 UK/AEP)		9	*A-1188-414-C	AEH123 BOARD COMPLETE	
	X-2108-495-3	BEZEL ASSY (40) (40S2000 UK/AEP)				(26/32S2000/S2010/S2020 & 40S2000/S2010 UK/AEP)	
	X-2109-271-3	BEZEL ASSY (40) (40S2010 UK/AEP)			*A-1192-081-C	AEH123 BOARD COMPLETE (46S2000/S2010 UK/AEP)	
	X-2108-669-2	BEZEL ASSY (46) (46S2000 UK/AEP)		10	Δ 1-819-729-13	INLET, AC (WITH NOISE FILTER)	
	X-2109-262-2	BEZEL ASSY (46) (46S2010 UK/AEP)		11	X-2109-168-3	BOTTOM FRAME(40)ASSY (40/46S2000/S2010 UK/AEP)	
2	*2-663-985-21	HOLDER, SIDE JACK (M)		12	X-2109-261-1	FRAME, TOP(26)ASSY (26S2000/S2010/S2020 UK/AEP)	
		(26/32S2000/S2010/S2020 UK/AEP)		13	*1-468-980-11	G1 BOARD COMPLETE	
	*2-663-986-21	HOLDER, SIDE JACK (L) (40/46S2000/S2010 UK/AEP)				(26/32S2000/S2010/S2020 UK/AEP)	
3	*A-1192-083-A	H46E BOARD COMPLETE (KDL-46S2000/S2010 UK/AEP)			*A-1169-591-D	G2 BOARD COMPLETE (40/46S2000/S2010 UK/AEP)	
4	1-826-363-11	LOUDSPEAKER(4.2X15CM)		14	X-2109-049-3	BUTTON,MULTI (C) ASSY	15, 16
		(26/32S2000/S2010/S2020 UK/AEP)		15	2-663-977-01	BUTTON, MULTI	
	1-826-362-11	LOUDSPEAKER(5.5X15.5CM) (40S2000/S2010 UK/AEP)		16	2-663-978-22	COVER, BUTTON	
	1-826-435-11	LOUDSPEAKER(13X7CM) (46S2000/S2010 UK/AEP)		17	*2-672-470-21	SHIELD, (A,TUNER)	
5	1-802-061-13	LCD PANEL (26S2000/S2010/S2020 UK/AEP)		18	*2-672-348-11	BRACKET, G1 (26/32S2000/S2010/S2020 UK/AEP)	
	1-802-060-12	LCD PANEL (32S2000/S2010/S2020 UK/AEP)			*2-664-617-11	BRACKET, G2 (40/46S2000/S2010 UK/AEP)	

5-1. CHASSIS Cont.



REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
19	*2-664-607-12	SIDE, TERMINAL (S) (26S2000/S2010/S2020 UK/AEP)					
	*2-664-609-12	SIDE, TERMINAL (M)					
		(32S2000/S2010/S2020 & 40/46S2000/S2010UK/AEP)					
20	4-660-752-01	TAPE (LCD)					
21	2-667-975-01	COVER, PCMCIA					
22	*A-1169-593-E	BE BOARD COMPLETE					
23	*A-1173-180-C	FEE BOARD COMPLETE					
		(26/32/40/46S2000/S2010/S2020 AEP)					
	*A-1173-179-C	FEE BOARD COMPLETE					
		(26/32/40/46S2000/S2010/S2020 UK)					

5-2. REAR COVER, STAND and VESA BRACKET

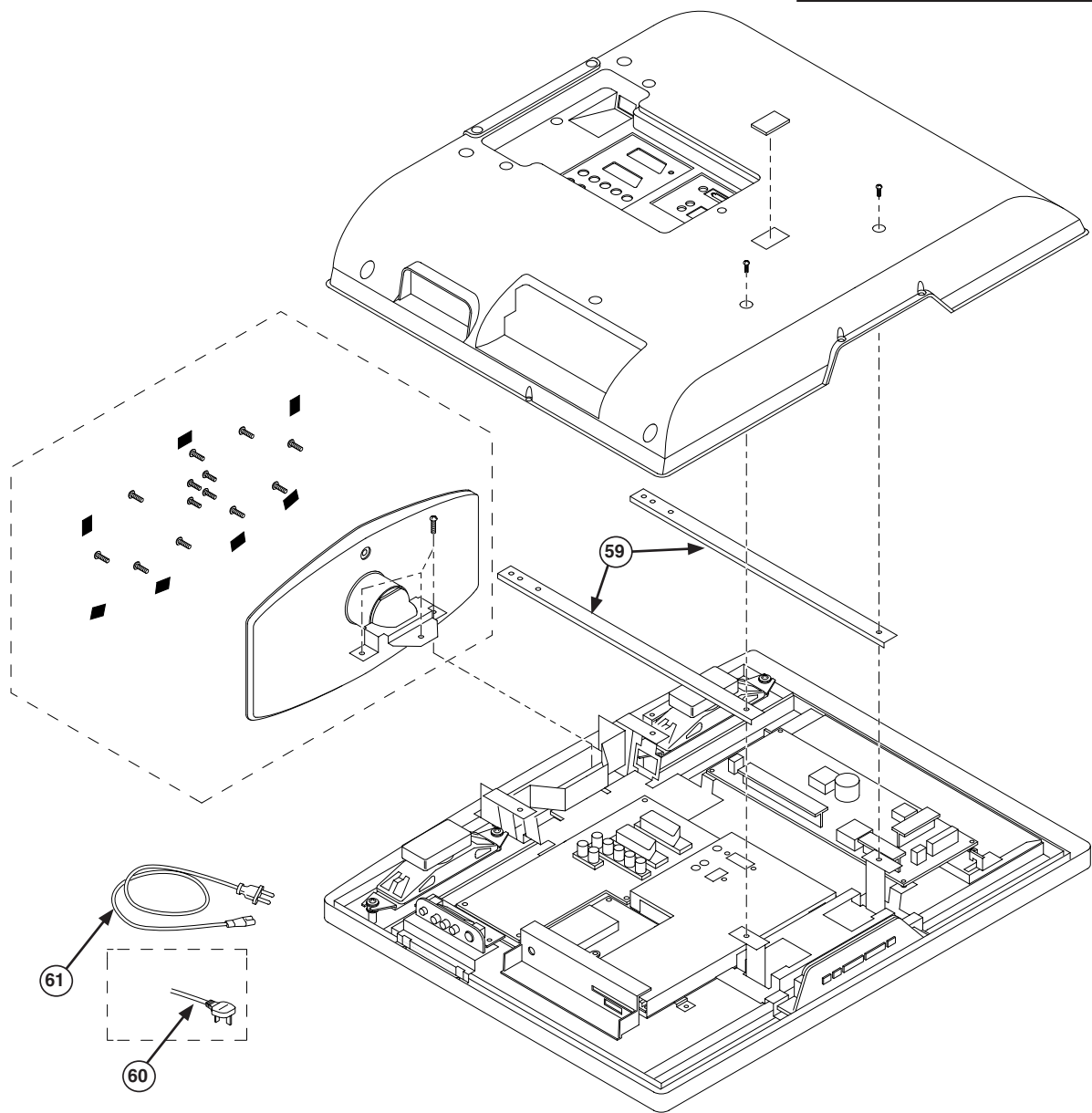


REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
51	X-2103-365-3	STAND M ASSY		56	2-679-424-12	COVER, REAR (26) (26S2000/S2010/S2020 UK/AEP)	
		(26/32S2000/S2010/S2020 UK/AEP) 52-55			2-659-434-12	COVER, REAR (32) (32S2000/S2010/S2020 UK/AEP)	
	X-2103-366-2	STAND L ASSY (40/46S2000/S2010 UK/AEP)	52-55		2-660-692-11	COVER, REAR (40) (40S2000/S2010 UK/AEP)	
52	2-675-191-01	FOOT			2-668-949-12	COVER, REAR (46) (46S2000/S2010 UK/AEP)	
53	2-580-602-01	SCREW, +PSW M4X12		57	2-667-973-02	COVER, SERVICE(C)	
		(26/32S2000/S2010/S2020 UK/AEP)		58	2-664-636-11	COVER, ECS	
	2-580-608-01	SCREW, +PSW M5X16 (40/46S2000/S2010 UK/AEP)		59	X-2109-235-1	BRACKET,VESA (26) ASSY	
54	2-580-644-01	SCREW, +KTP2 3X8				(26S2000/S2010/S2020 UK/AEP)	
		(26/32S2000/S2010/S2020 UK/AEP)			X-2109-236-1	BRACKET,VESA (32) ASSY	
	2-580-647-01	SCREW, +KTP2 4X12 (40/46S2000/S2010 UK/AEP)				(32S2000/S2010/S2020 UK/AEP)	
55	2-685-535-01	SCREW, IT3-C 4X25			X-2109-058-2	VESA BRACKET (40) L ASSY (40S2000/S2010 UK/AEP)	
		(26/32S2000/S2010/S2020 UK/AEP)			X-2109-059-2	VESA BRACKET (40) R ASSY (40S2000/S2010 UK/AEP)	
	2-676-025-01	SCREW, WTP 5X35 (40/46S2000/S2010 UK/AEP)			X-2109-250-2	ARM, VESA (46) L ASSY (46S2000/2010 UK/AEP)	

Note : Les composants indentifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pieces du numero specifié.

5-2. REAR COVER, STAND and VESA BRACKET Cont.

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.



REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
59	X-2109-251-2	ARM, VESA (46) R ASSY (46S2000/S2010 UK/AEP)					
60	Δ 1-830-609-11	AC POWER-SUPPLY CORD SET (26/32S2000/S2010/S2020 & 40/46S2000/S2010 UK)					
61	Δ 1-830-611-11	POWER-SUPPLY CORD (26/32S2000/S2010/S2020 & 40/46S2000/S2010 UK)					

SECTION 6 ELECTRICAL PARTS LIST

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TUE BOARD COMPLETE Parts List :	89
H1E BOARD COMPLETE Parts List :	91
H3E BOARD COMPLETE Parts List :	91
AE BOARD COMPLETE Parts List :	91
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ACCESSORIES AND CONNECTORS :	100
REMOTE COMMANDER :	100

Note : Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
Parts indicated (XX) on the Schematic Diagram are not used in this model and therefore do not appear in the Parts List.

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

G2

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
*A-1169-591-D G2 Board, Complete (KDL-40/46S2000/S2010)				C6405	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
				C6406	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
				C6407	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
				C6408	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
				C6412	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
	4-382-854-11	SCREW (M3X10) , P, SW (+)		C6413	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
	< CAPACITOR >			C6451	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C6000	Δ 1-161-964-91	CERAMIC 0.0047UF	250V	C6504	1-100-613-81	CERAMIC 470PF	5% 1KV
C6001	Δ 1-119-892-51	CERAMIC 470PF	10.00% 250V	C6505	1-100-613-81	CERAMIC 470PF	5% 1KV
C6002	Δ 1-165-531-11	MYLAR 1UF	10 275V	C6517	1-117-227-11	MYLAR 1UF	10.00% 450V
C6003	Δ 1-161-964-91	CERAMIC 0.0047UF	250V				
C6004	Δ 1-165-529-11	MYLAR 0.22UF	10 275V	C6518	1-112-744-52	MYLAR 1UF	10% 450V
C6005	Δ 1-119-892-51	CERAMIC 470PF	10.00% 250V	C6519	1-162-969-11	CERAMIC CHIP 0.0068UF	10.00% 25V
C6006	1-135-361-11	ELECT (BLOCK) 180UF	20% 450V	C6520	1-117-227-11	MYLAR 1UF	10.00% 450V
C6008	1-135-361-11	ELECT (BLOCK) 180UF	20% 450V	C6521	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C6010	Δ 1-113-889-11	CERAMIC 0.001UF	20.00% 250V	C6522	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6012	Δ 1-113-889-11	CERAMIC 0.001UF	20.00% 250V				
C6015	Δ 1-119-891-51	CERAMIC 220PF	10.00% 250V	C6523	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6016	Δ 1-119-891-51	CERAMIC 220PF	10.00% 250V	C6525	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C6051	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C6526	1-107-906-11	ELECT 10UF	20% 50V
C6100	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	< CONNECTOR >			
C6101	1-107-905-11	ELECT 4.7UF	20% 50V	CN6000	1-695-915-11	TAB (CONTACT)	
C6102	1-107-910-11	ELECT 100UF	20% 50V	CN6001	Δ *1-793-660-11	PIN, CONNECTOR (PC BOARD) 3P	
C6103	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN6011	1-537-770-21	TERMINAL BOARD, GROUND	
C6104	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V	CN6200	1-793-236-11	PIN, CONNECTOR (PC BOARD) 14P	
C6105	1-107-906-11	ELECT 10UF	20% 50V	CN6202	1-785-708-11	PIN, CONNECTOR (PC BOARD) 12P	
C6108	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V				
C6109	1-107-888-11	ELECT 47UF	20% 25V	CN6204	1-785-706-11	PIN, CONNECTOR (PC BOARD) 10P	
C6111	1-100-613-81	CERAMIC 470PF	5% 1KV	CN6211	1-537-770-21	TERMINAL BOARD, GROUND	
C6112	1-100-310-11	FILM 18000PF	3% 800V	CN6214	1-537-770-21	TERMINAL BOARD, GROUND	
C6116	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	CN6216	1-537-770-21	TERMINAL BOARD, GROUND	
C6200	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	< DIODE >			
C6202	1-112-242-21	ELECT 1500UF	20% 25V	D6000	8-719-054-89	DIODE D15XB60	
C6203	1-107-907-11	ELECT 22UF	20% 50V	D6002	8-719-081-97	DIODE MMDL914T1	
C6204	1-112-242-21	ELECT 1500UF	20% 25V	D6003	8-719-081-97	DIODE MMDL914T1	
C6205	1-112-242-21	ELECT 1500UF	20% 25V	D6102	6-500-137-01	DIODE BAT54HT1	
C6207	1-112-242-21	ELECT 1500UF	20% 25V	D6103	8-719-979-64	DIODE UF4005/23	
C6216	1-107-928-11	ELECT 4.7UF	20% 100V	D6104	6-501-043-01	DIODE UMZ16NT106	
C6217	1-112-229-21	ELECT 1500UF	20% 16V	D6105	6-501-043-01	DIODE UMZ16NT106	
C6305	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	D6106	8-719-081-67	DIODE M1FM3	
C6306	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	D6107	8-719-081-67	DIODE M1FM3	
C6307	1-107-903-11	ELECT 2.2UF	20% 50V	D6108	8-719-041-97	DIODE MA113-(TX)	
C6308	1-107-904-11	ELECT 3.3UF	20% 50V	D6200	8-719-057-96	DIODE D10SC6M-4012	
C6309	1-107-910-11	ELECT 100UF	20% 50V	D6201	8-719-057-96	DIODE D10SC6M-4012	
C6310	1-100-139-31	FILM 0.001UF	5% 630V	D6202	8-719-057-96	DIODE D10SC6M-4012	
C6314	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D6203	8-719-057-96	DIODE D10SC6M-4012	
C6315	1-165-729-31	ELECT 470UF	20% 16V	D6204	6-500-567-31	DIODE 10ERB20-TB3	
C6316	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	D6205	6-500-567-31	DIODE 10ERB20-TB3	
C6401	1-107-882-91	ELECT 100UF	20% 16V	D6207	8-719-057-96	DIODE D10SC6M-4012	
C6402	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	D6208	8-719-057-96	DIODE D10SC6M-4012	
C6404	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	D6302	6-500-567-31	DIODE 10ERB20-TB3	

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

G2

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
D6303	6-500-567-31	DIODE 10ERB20-TB3		L6300	1-414-934-21	INDUCTOR	10UH
D6304	6-500-849-01	DIODE ERA22-08KFL		L6500	1-457-218-11	INDUCTOR	100UH
D6305	6-500-567-31	DIODE 10ERB20-TB3		L6502	1-457-141-11	INDUCTOR	175UH
D6306	8-719-510-02	DIODE D1NS4		< PHOTOCOUPLER >			
D6401	8-719-081-97	DIODE MMDL914T1		PH6000 Δ	6-600-187-01	PHOTO COUPLER	PC123Y22J00F
D6402	8-719-081-97	DIODE MMDL914T1		PH6100 Δ	6-600-187-01	PHOTO COUPLER	PC123Y22J00F
D6407	8-719-082-04	DIODE MM3Z22VT1		PH6301 Δ	6-600-187-01	PHOTO COUPLER	PC123Y22J00F
D6408	8-719-081-97	DIODE MMDL914T1		PH6400 Δ	6-600-187-01	PHOTO COUPLER	PC123Y22J00F
D6452	8-719-081-97	DIODE MMDL914T1		PH6402 Δ	6-600-187-01	PHOTO COUPLER	PC123Y22J00F
D6454	1-125-889-91	CERAMIC CHIP 2.2UF 10% 10V		< TRANSISTOR >			
D6456	8-719-081-97	DIODE MMDL914T1		Q6051	8-729-045-62	TRANSISTOR 2SK2158-T2B	
D6504	1-216-295-91	SHORT CHIP 0		Q6100	6-551-297-01	TRANSISTOR 2SK3568(LBS1SONY.Q	
D6505	8-719-976-99	DIODE DT25.1B		Q6101	6-551-297-01	TRANSISTOR 2SK3568(LBS1SONY.Q	
D6506	8-719-054-59	DIODE FSF05A60		Q6400	8-729-804-41	TRANSISTOR 2SB1122-S	
D6507	8-719-081-97	DIODE MMDL914T1		Q6401	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D6508	6-500-108-01	DIODE EP05FA20		Q6402	8-729-045-62	TRANSISTOR 2SK2158-T2B	
D6509	6-500-108-01	DIODE EP05FA20		Q6403	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
D6510	6-500-137-01	DIODE BAT54HT1		Q6404	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D6511	8-719-081-97	DIODE MMDL914T1		Q6405	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D6512	8-719-081-97	DIODE MMDL914T1		Q6406	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D6551	8-719-081-97	DIODE MMDL914T1		Q6454	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
D6552	8-719-081-97	DIODE MMDL914T1		Q6455	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D6553	8-719-081-97	DIODE MMDL914T1		Q6500	6-551-403-01	TRANSISTOR 2SK3797(LBS1SONY)	
< FUSE >				Q6501	8-729-820-90	TRANSISTOR 2SD1621-ST	
F60000 Δ	1-576-233-51	FUSE	6.3A 250V	Q6502	8-729-804-41	TRANSISTOR 2SB1122-S	
FH6000 Δ	1-533-223-11	FUSE HOLDER		Q6504	6-551-403-01	TRANSISTOR 2SK3797(LBS1SONY)	
FH6001 Δ	1-533-223-11	FUSE HOLDER		< RESISTOR >			
< FERRITE BEAD >				R6002 Δ	1-240-251-11	METAL	6.8 5% 10W
FB6100	1-410-396-41	FERRITE	0.45UH	R6003	1-247-752-11	CARBON	1K 5% 1/2W
FB6101	1-410-396-41	FERRITE	0.45UH	R6004	1-218-835-11	METAL CHIP	330 0.5% 1/10W
< IC >				R6016	1-535-143-71	LEAD, JUMPER (7.5MM)	
IC6100	6-709-581-01	IC CXD9841M-H		R6051	1-216-821-11	METAL CHIP	1K 5% 1/10W
IC6200	6-709-368-01	IC MM1431ATT (CN)		R6052	1-216-837-11	METAL CHIP	22K 5% 1/10W
IC6301	6-708-801-01	IC MIP2H2		R6101	1-249-385-11	CARBON	2.2 5% 1/4W
IC6302	6-709-442-01	IC MM1530ATT		R6102 Δ	1-202-933-61	FUSIBLE	0.1 10% 1/2W
IC6401	6-709-368-01	IC MM1431ATT (CN)		R6103	1-218-823-11	METAL CHIP	100 0.5% 1/10W
IC6402	6-709-368-01	IC MM1431ATT (CN)		R6104	1-218-887-11	METAL CHIP	47K 0.5% 1/10W
IC6502	6-709-192-01	IC FA5501AN-D1-TE1		R6105	1-208-854-11	METAL CHIP	1M 0.5% 1/10W
< COIL >				R6106	1-208-854-11	METAL CHIP	1M 0.5% 1/10W
L6000 Δ	1-456-856-21	LINE FILTER COIL		R6107	1-208-854-11	METAL CHIP	1M 0.5% 1/10W
L6001 Δ	1-456-856-21	LINE FILTER COIL		R6108	1-208-854-11	METAL CHIP	1M 0.5% 1/10W
L6203	1-414-487-41	INDUCTOR	1UH	R6109	1-218-761-11	METAL CHIP	240K 0.5% 1/10W
L6204	1-414-487-41	INDUCTOR	1UH	R6110	1-218-881-11	METAL CHIP	27K 0.5% 1/10W
L6207	1-457-239-11	INDUCTOR	4.7UH	R6111	1-218-873-11	METAL CHIP	12K 0.5% 1/10W
L6208	1-457-239-11	INDUCTOR	4.7UH	R6114	1-211-985-11	METAL CHIP	47 0.5% 1/10W
				R6116	1-216-009-91	RES-CHIP	22 5% 1/10W
				R6117	1-216-009-91	RES-CHIP	22 5% 1/10W

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

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REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R6118	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6455	1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R6119	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6456	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R6121	1-216-361-00	METAL OXIDE	0.22	5%	2W	R6459	1-218-885-11	METAL CHIP	39K	0.5%	1/10W
R6122	1-216-361-00	METAL OXIDE	0.22	5%	2W	R6461	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6123	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	R6462	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6127	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6468	1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R6200	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6503	1-215-882-00	METAL OXIDE	22	5%	2W
R6201	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6512	1-218-907-11	METAL CHIP	330K	0.5%	1/10W
R6202	1-216-105-91	RES-CHIP	220K	5%	1/10W	R6513	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R6203	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6514	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R6204	1-218-843-11	METAL CHIP	680	0.5%	1/10W	R6515	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R6205	1-218-865-11	METAL CHIP	5.6K	0.5%	1/10W	R6526	1-211-989-11	METAL CHIP	68	0.5%	1/10W
R6207	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	R6527	1-218-913-91	METAL CHIP	560K	0.5%	1/10W
R6208	1-249-377-11	CARBON	0.47	5%	1/4W	R6528	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R6226	1-249-389-11	CARBON	4.7	5%	1/4W	R6529	1-216-864-11	SHORT CHIP	0		
R6300	Δ 1-212-958-00	FUSIBLE	10	5%	1/2W	R6530	1-219-729-11	METAL	0.33	10%	5W
R6301	1-243-725-71	METAL OXIDE	100K	5%	1W	R6531	1-219-729-11	METAL	0.33	10%	5W
R6302	1-218-865-11	METAL CHIP	5.6K	0.5%	1/10W	R6532	1-216-864-11	SHORT CHIP	0		
R6303	1-249-385-11	CARBON	2.2	5%	1/4W	R6533	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6304	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6534	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R6305	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R6535	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6306	1-216-805-11	METAL CHIP	47	5%	1/10W	R6536	1-218-830-11	METAL CHIP	200	0.5%	1/10W
R6307	1-218-887-11	METAL CHIP	47K	0.5%	1/10W	R6537	1-249-389-11	CARBON	4.7	5%	1/4W
R6308	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	R6538	1-249-405-11	CARBON	100	5%	1/4W
R6309	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R6539	1-218-830-11	METAL CHIP	200	0.5%	1/10W
R6400	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6540	1-249-389-11	CARBON	4.7	5%	1/4W
R6401	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R6541	1-208-818-11	METAL CHIP	33K	0.5%	1/10W
R6402	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6542	1-208-814-91	METAL CHIP	22K	0.5%	1/10W
R6403	1-218-887-11	METAL CHIP	47K	0.5%	1/10W	R6543	1-218-830-11	METAL CHIP	200	0.5%	1/10W
R6405	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6544	1-218-830-11	METAL CHIP	200	0.5%	1/10W
R6407	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6545	1-208-848-11	METAL CHIP	560K	0.5%	1/10W
R6408	1-218-879-11	METAL CHIP	22K	0.5%	1/10W	R6546	1-208-848-11	METAL CHIP	560K	0.5%	1/10W
R6409	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6547	1-208-848-11	METAL CHIP	560K	0.5%	1/10W
R6410	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6548	1-208-846-11	METAL CHIP	470K	0.5%	1/10W
R6412	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6549	1-208-844-11	METAL CHIP	390K	0.5%	1/10W
R6413	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R6550	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R6417	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6551	1-249-393-11	CARBON	10	5%	1/4W
R6418	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6552	1-216-809-11	METAL CHIP	100	5%	1/10W
R6419	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6553	Δ 1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6420	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6554	1-218-911-11	METAL CHIP	470K	0.5%	1/10W
R6436	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6555	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R6437	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6557	1-218-851-11	METAL CHIP	1.5K	0.5%	1/10W
R6441	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6560	1-218-911-11	METAL CHIP	470K	0.5%	1/10W
R6442	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6562	Δ 1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6443	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6563	Δ 1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6444	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6564	Δ 1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6451	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6565	Δ 1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6452	1-218-847-11	METAL CHIP	1K	0.5%	1/10W						
R6453	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R6454	1-216-829-11	METAL CHIP	4.7K	5%	1/10W						

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REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
< RELAY >				C1056	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
				C1057	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
RY6003	Δ 1-755-488-11	RELAY (LKPIAF-18V)		C1060	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
< TRANSFORMER >				C1061	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
T6102	Δ 1-443-983-11	CONVERTER TRANSFORMER (PIT)		C1062	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
T6103	Δ 1-443-982-11	CONVERTER TRANSFORMER (PIT)		C1063	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
T6301	Δ 1-443-984-11	CONVERTER TRANSFORMER (SBT)		C1066	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
< VARISTOR >				C1067	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
VD6000	Δ 1-804-996-21	VARISTOR		C1068	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
VD6001	Δ 1-804-996-21	VARISTOR		C1069	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
*A-1169-593-E BE Board, Complete				C1070	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
A5001	1-694-974-21	CONTACT TERMINAL		C1071	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
< CAPACITOR >				C1072	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1001	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C1073	1-126-390-11	ELECT CHIP 22UF	20.00% 6.3V
C1003	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C1074	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1004	1-162-974-11	CERAMIC CHIP 0.01UF	50V	C1075	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C1005	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C1076	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C1006	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C1079	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1007	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C1080	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C1010	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C1081	1-126-391-11	ELECT CHIP 47UF	20.00% 6.3V
C1011	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V	C1082	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C1012	1-100-591-91	CERAMIC CHIP 1UF	10% 25V	C1083	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1015	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C1084	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C1016	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C1085	1-115-456-21	DOUBLE LAYER 0.22F	5.5V
C1017	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C1087	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1018	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C1091	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C1019	1-162-912-11	CERAMIC CHIP 7PF	0.50PF 50V	C1092	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1022	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V	C1093	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1023	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C1094	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C1024	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V	C1100	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C1027	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C1110	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1029	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C1701	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C1033	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C1704	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C1035	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C1706	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1036	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C1707	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1044	1-100-591-91	CERAMIC CHIP 1UF	10% 25V	C1708	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C1046	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C1710	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C1047	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C1711	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C1048	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C1712	1-100-162-91	CERAMIC CHIP 1UF	50V
C1049	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5000	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1050	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5002	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1051	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C5003	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1052	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5005	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1053	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C5006	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C1054	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5007	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
				C5009	1-162-905-11	CERAMIC CHIP 1PF	0.25PF 50V
				C5010	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
				C5011	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
				C5012	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
				C5013	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C5014	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5257	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5015	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5258	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5016	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5259	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5017	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5260	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5018	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5262	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5019	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5265	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5020	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5269	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5021	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5270	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5022	1-162-905-11	CERAMIC CHIP 1PF	0.25PF 50V	C5271	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5023	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C5273	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5024	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C5274	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5025	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5278	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5027	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C5279	1-125-837-91	CERAMIC CHIP 1UF	10% 6.3V
C5028	1-164-315-11	CERAMIC CHIP 470PF	5.00% 50V	C5280	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5032	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C5281	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5033	1-117-681-11	ELECT CHIP 100UF	20.00% 16V	C5502	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5201	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5503	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5202	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5504	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5204	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V	C5506	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5205	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5507	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C5208	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5508	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5209	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V	C5510	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C5211	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V	C5512	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5212	1-162-979-11	CERAMIC CHIP 0.0027UF	10.00% 50V	C5513	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5213	1-162-979-11	CERAMIC CHIP 0.0027UF	10.00% 50V	C5514	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5216	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C6000	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5217	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C6001	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5218	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C6002	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5219	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V	C6003	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C5220	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6004	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C5221	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C6005	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C5222	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C6006	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C5224	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V	C6012	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5225	1-162-960-11	CERAMIC CHIP 220PF	10.00% 50V	C6013	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C5226	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C6014	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C5230	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7000	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C5231	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C7001	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C5234	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7002	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C5236	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7003	1-164-315-11	CERAMIC CHIP 470PF	5.00% 50V
C5237	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7004	1-164-315-11	CERAMIC CHIP 470PF	5.00% 50V
C5239	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C7005	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C5240	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7006	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C5241	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V	C7007	1-100-552-21	ELECT CHIP 10UF	20% 25V
C5246	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7008	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C5250	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C7009	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C5252	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C7010	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C5253	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V	C7011	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C5254	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V	C7012	1-110-648-11	ELECT CHIP 220UF	20.00% 25V
C5255	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C7013	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C5256	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C7014	1-100-591-91	CERAMIC CHIP 1UF	10% 25V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C7015	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C9042	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C7016	1-100-591-91	CERAMIC CHIP 1UF	10% 25V				
C7017	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V			< CONNECTOR >	
C7023	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN1001	1-819-390-51	FFC/FPC CONNECTOR (ZIF) 49P	
C7025	1-125-827-91	CERAMIC CHIP 1UF	10.00% 25V	CN1002	1-819-447-11	HEADER ASSEMBLY FOR PWB 10P	
				CN1003	1-779-331-51	CONNECTOR, FFC/FPC 14P	
C7026	1-125-827-91	CERAMIC CHIP 1UF	10.00% 25V	CN1004	1-779-936-51	CONNECTOR, FFC/FPC 18P	
C7027	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN1007	1-819-336-11	HEADER ASSEMBLY FOR PWB 3P	
C7028	1-112-794-11	ELECT CHIP 470UF	20% 16V				
C7030	1-112-794-11	ELECT CHIP 470UF	20% 16V	CN1008	1-820-187-11	HEADER ASSEMBLY (PRINT PWB)10P	
C7031	1-165-673-21	ELECT CHIP 56UF	20% 10V	CN1700	1-820-187-11	HEADER ASSEMBLY (PRINT PWB)10P	
				CN1701	1-820-189-11	HEADER ASSEMBLY (PRINT PWB)12P	
C7032	1-165-673-21	ELECT CHIP 56UF	20% 10V	CN4700	1-820-255-51	FFC/FPC CONNECTOR (ZIF) 20P	
C7034	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	CN5000	1-820-235-11	HEADER ASSEMBLY 30P	
C7035	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V				
C7036	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN6000	1-818-937-11	D SUB CONNECTOR 15P	
C7037	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN7002	1-780-336-11	EARTH TERMINAL	
				CN7003	1-780-336-11	EARTH TERMINAL	
C7040	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V	CN7004	1-780-336-11	EARTH TERMINAL	
C7041	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	CN7005	1-780-336-11	EARTH TERMINAL	
C7042	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V				
C7047	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	CN7008	1-820-186-11	HEADER ASSEMBLY (PRINT PWB) 9P	
C7051	1-135-595-11	ELECT 100UF	20% 6.3V	CN7009	1-820-184-11	HEADER ASSEMBLY (PRINT PWB) 7P	
				CN9000	1-818-737-11	HDMI CONNECTOR	
C7052	1-165-673-21	ELECT CHIP 56UF	20% 10V			< DIODE >	
C7054	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	D1002	8-719-058-24	DIODE RB501V-40TE-17	
C7056	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	D1006	8-719-081-97	DIODE MMDL914T1	
C7057	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V	D1007	8-719-077-59	DIODE 1PS302	
C7058	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	D1020	8-719-036-94	DIODE RD5.6SB-T1	
				D1021	8-719-036-94	DIODE RD5.6SB-T1	
C7100	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D1701	8-719-064-03	DIODE HZU16B2TRF-E	
C7101	1-110-648-11	ELECT CHIP 220UF	20.00% 25V	D1702	8-719-064-03	DIODE HZU16B2TRF-E	
C9002	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	D6000	8-719-036-94	DIODE RD5.6SB-T1	
C9003	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	D6001	8-719-036-94	DIODE RD5.6SB-T1	
C9004	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D6002	8-719-036-94	DIODE RD5.6SB-T1	
C9005	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	D6003	8-719-050-38	DIODE M1MA152WK-T1	
C9006	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D7000	8-719-081-97	DIODE MMDL914T1	
C9007	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	D7001	6-501-336-01	DIODE RSX201L-30TE25	
C9008	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	D7003	8-719-081-97	DIODE MMDL914T1	
C9009	1-100-567-81	CERAMIC CHIP 10000PF	10% 25V	D7004	8-719-072-43	DIODE RB050L-40TE25	
C9011	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	D7005	8-719-072-43	DIODE RB050L-40TE25	
C9012	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D7006	6-501-336-01	DIODE RSX201L-30TE25	
C9013	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	D7008	6-500-579-01	DIODE PTZ-TE25-6.8B	
C9014	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	D7009	8-719-073-69	DIODE PTZ-TE25-6.2A	
C9030	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D7010	8-719-056-83	DIODE UDZ-TE-17-6.8B	
C9031	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	D7014	8-719-056-83	DIODE UDZ-TE-17-6.8B	
C9032	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	D7500	8-719-056-84	DIODE UDZ-TE-17-7.5B	
C9033	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	D7508	8-719-081-97	DIODE MMDL914T1	
C9034	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	D7509	8-719-081-97	DIODE MMDL914T1	
C9035	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	D7510	8-719-081-97	DIODE MMDL914T1	
C9036	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	D9004	8-719-081-97	DIODE MMDL914T1	
C9037	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V				
C9038	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V				
C9039	1-115-412-11	CERAMIC CHIP 680PF	5.00% 25V				
C9040	1-115-412-11	CERAMIC CHIP 680PF	5.00% 25V				

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BE

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
D9013	8-719-081-97	DIODE MMDL914T1		IC1002	6-806-428-01	IC S29AL016D70TFI010-WAX2E1	
D9014	8-719-050-37	DIODE M1MA152WA-T1		IC1003	6-706-419-01	IC LM393DT (A)	
D9015	8-719-081-97	DIODE MMDL914T1		IC1004	6-703-175-01	IC PST3629UL	
< FUSE >				IC1005	6-702-985-01	IC M24256-BWMN6T	
F7000	Δ 1-576-603-21	FUSE	3.15A 24V	IC1006	6-709-512-01	IC S-1132B18-M5T1G	
< FERRITE BEAD >				IC1007	6-706-815-01	IC TMP75AIDR	
FB1001	1-414-227-11	FERRITE	0UH	IC1008	8-759-549-03	IC SN74LV132APWR	
FB1002	1-400-110-21	FERRITE	0UH	IC1009	6-709-517-01	IC S-35390A-J8T1G	
FB1003	1-414-227-11	FERRITE	0UH	IC1010	8-759-460-79	IC BA09FP-E2	
FB1004	1-400-110-21	FERRITE	0UH	IC5000	6-709-582-01	IC CXD9199GG-D	
FB1005	1-400-110-21	FERRITE	0UH	IC5201	8-759-651-59	IC SN74CBTLV3245APWR	
FB1006	1-400-110-21	FERRITE	0UH	IC5202	8-759-651-59	IC SN74CBTLV3245APWR	
FB1007	1-400-110-21	FERRITE	0UH	IC5203	6-706-491-01	IC TC7SH86FU(T5RSOYJF)	
FB1711	1-500-113-22	FERRITE	0UH	IC5500	6-707-822-01	IC EM6A9320BI-5MG	
FB1712	1-400-110-21	FERRITE	0UH	IC6000	6-704-600-01	IC M24C02-WMN6T(B)	
FB1713	1-400-110-21	FERRITE	0UH	IC7000	6-707-927-01	IC BD9775FV	
FB1715	1-400-110-21	FERRITE	0UH	IC7001	6-709-441-01	IC SI8008TM-TL	
FB1720	1-400-141-22	FERRITE	0UH	IC7002	6-709-441-01	IC SI8008TM-TL	
FB1721	1-400-141-22	FERRITE	0UH	IC7004	6-708-862-01	IC MM1662FTRE	
FB5201	1-400-794-21	FERRITE	0UH	IC9000	6-704-819-01	IC CS4335-KSZR	
FB6000	1-469-100-21	FERRITE	0UH	IC9001	6-704-001-01	IC BR24L02F-WE2	
FB6001	1-469-100-21	FERRITE	0UH	IC9002	6-708-758-01	IC PCA9517DP.118	
FB6002	1-469-100-21	FERRITE	0UH	IC9711	*6-703-108-01	IC SN74LVC2G04DCKR	
FB6005	1-400-141-22	FERRITE	0UH	< SOCKET >			
FB7001	1-414-445-11	FERRITE	0UH	J6000	1-750-925-11	JACK (SMALL TYPE)	
FB7002	1-414-445-11	FERRITE	0UH	J9000	1-820-304-11	PHONE JACK 2P	
FB7003	1-414-445-11	FERRITE	0UH	< COIL >			
FB7005	1-400-110-21	FERRITE	0UH	L1002	1-400-794-21	FERRITE	0UH
FB7006	1-400-110-21	FERRITE	0UH	L5000	1-456-984-11	INDUCTOR	0UH
FB7007	1-400-110-21	FERRITE	0UH	L5001	1-456-984-11	INDUCTOR	0UH
FB7008	1-400-110-21	FERRITE	0UH	L5002	1-456-984-11	INDUCTOR	0UH
FB7011	1-400-794-21	FERRITE	0UH	L5003	1-456-984-11	INDUCTOR	0UH
FB9000	1-469-094-21	FERRITE	0UH	L5004	1-456-984-11	INDUCTOR	0UH
< FILTER >				L5005	1-400-177-21	INDUCTOR	0UH
FL1001	1-234-177-21	FERRITE	0UH	L5006	1-469-561-21	INDUCTOR	100UH
FL5201	1-234-177-21	FERRITE	0UH	L5201	1-400-794-21	FERRITE	0UH
FL5203	1-234-177-21	FERRITE	0UH	L5202	1-412-054-21	INDUCTOR	2.2UH
FL5206	1-234-177-21	FERRITE	0UH	L5203	1-469-551-21	INDUCTOR	2.2UH
FL5207	1-234-177-21	FERRITE	0UH	L5205	1-469-551-21	INDUCTOR	2.2UH
FL5500	1-234-177-21	FERRITE	0UH	L5206	1-469-551-21	INDUCTOR	2.2UH
FL5501	1-234-177-21	FERRITE	0UH	L5500	1-400-794-21	FERRITE	0UH
FL9000	1-234-177-21	FERRITE	0UH	L5501	1-400-794-21	FERRITE	0UH
FL9001	1-234-177-21	FERRITE	0UH	L7000	1-416-740-11	INDUCTOR	10UH
< IC >				L7001	1-457-041-21	INDUCTOR	10UH
IC1001	6-708-219-01	IC MB91305PMC-G-BNDE1		L7002	1-481-081-11	INDUCTOR	47UH
				L7003	1-481-080-11	INDUCTOR	22UH
				L7004	1-481-083-11	INDUCTOR	22UH

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BE

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
L7005	1-456-786-21	INDUCTOR	47UH	< RESISTOR >			
L7006	1-412-056-11	INDUCTOR	4.7UH	R1001	1-216-864-11	SHORT CHIP	0
L7007	1-416-740-11	INDUCTOR	10UH	R1002	1-218-990-81	SHORT CHIP	0
L9000	*1-813-308-11	INDUCTOR	0UH	R1005	1-208-683-11	METAL CHIP	1K 0.5% 1/16W
L9001	*1-813-308-11	INDUCTOR	0UH	R1007	1-216-864-11	SHORT CHIP	0
L9002	*1-813-308-11	INDUCTOR	0UH	R1010	1-218-990-81	SHORT CHIP	0
L9003	*1-813-308-11	INDUCTOR	0UH	R1011	1-216-864-11	SHORT CHIP	0
L9004	1-469-555-21	INDUCTOR	10UH	R1012	1-216-864-11	SHORT CHIP	0
L9005	1-469-555-21	INDUCTOR	10UH	R1013	1-216-801-11	METAL CHIP	22 5% 1/10W
< PROTECTOR MODULE >				R1014	1-216-801-11	METAL CHIP	22 5% 1/10W
PS6000 Δ	1-576-122-21	IC LINK	0.4A 72V	R1015	1-216-864-11	SHORT CHIP	0
PS7000 Δ	1-576-603-21	FUSE	3.15A 24V	R1016	1-216-801-11	METAL CHIP	22 5% 1/10W
< TRANSISTOR >				R1017	1-216-801-11	METAL CHIP	22 5% 1/10W
Q1001	6-551-387-01	TRANSISTOR SSM6N16FU		R1018	1-216-864-11	SHORT CHIP	0
Q1002	8-729-029-00	TRANSISTOR DTC115EUA-T106		R1019	1-216-864-11	SHORT CHIP	0
Q1003	8-729-028-74	TRANSISTOR DTA114TUA-T106		R1020	1-216-813-11	METAL CHIP	220 5% 1/10W
Q1004	8-729-013-28	TRANSISTOR HN1B01FU-TE85R		R1021	1-216-801-11	METAL CHIP	22 5% 1/10W
Q1005	8-729-028-74	TRANSISTOR DTA114TUA-T106		R1022	1-216-801-11	METAL CHIP	22 5% 1/10W
Q1006	8-729-029-04	TRANSISTOR DTC123JUA-T106		R1023	1-216-801-11	METAL CHIP	22 5% 1/10W
Q1007	8-729-028-96	TRANSISTOR DTC114EUA-T106		R1024	1-216-801-11	METAL CHIP	22 5% 1/10W
Q1701	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R1025	1-216-864-11	SHORT CHIP	0
Q5000	8-729-602-36	TRANSISTOR 2SA1602-F		R1026	1-216-801-11	METAL CHIP	22 5% 1/10W
Q5001	8-729-602-36	TRANSISTOR 2SA1602-F		R1027	1-400-591-22	FERRITE	0UH
Q6000	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R1031	1-218-887-11	METAL CHIP	47K 0.5% 1/10W
Q6001	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R1032	1-400-807-21	FERRITE	0UH
Q7000	8-729-046-04	TRANSISTOR FDS6690A		R1034	1-218-863-11	METAL CHIP	4.7K 0.5% 1/10W
Q7001	6-550-828-01	TRANSISTOR RSQ035P03TR		R1035	1-216-864-11	SHORT CHIP	0
Q7005	6-550-851-01	TRANSISTOR RSS050P03FTB		R1036	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q7006	8-729-029-00	TRANSISTOR DTC115EUA-T106		R1037	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W
Q7007	8-729-602-21	TRANSISTOR 2SC4154-F		R1038	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q7008	8-729-028-96	TRANSISTOR DTC114EUA-T106		R1040	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q7009	*6-550-663-01	TRANSISTOR RSS100N03TB		R1041	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q7500	8-729-028-96	TRANSISTOR DTC114EUA-T106		R1042	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q7502	8-729-028-96	TRANSISTOR DTC114EUA-T106		R1043	1-216-841-11	METAL CHIP	47K 5% 1/10W
Q7503	8-729-028-96	TRANSISTOR DTC114EUA-T106		R1044	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q7504	8-729-028-96	TRANSISTOR DTC114EUA-T106		R1045	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q7505	8-729-028-96	TRANSISTOR DTC114EUA-T106		R1046	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
Q7506	8-729-028-96	TRANSISTOR DTC114EUA-T106		R1047	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
Q9000	8-729-028-96	TRANSISTOR DTC114EUA-T106		R1048	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
Q9001	8-729-025-28	TRANSISTOR 2SK1828		R1049	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q9003	8-729-028-96	TRANSISTOR DTC114EUA-T106		R1050	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q9004	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R1051	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q9005	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R1052	1-218-941-81	RES-CHIP	100 5% 1/16W
Q9006	8-729-028-96	TRANSISTOR DTC114EUA-T106		R1053	1-218-990-81	SHORT CHIP	0
Q9007	6-551-364-01	TRANSISTOR DTC614TUT106		R1058	1-218-990-81	SHORT CHIP	0
Q9008	6-551-364-01	TRANSISTOR DTC614TUT106		R1061	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q9009	8-729-600-22	TRANSISTOR 2SA1235-F		R1064	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q9010	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R1065	1-218-965-11	RES-CHIP	10K 5% 1/16W
				R1070	1-216-864-11	SHORT CHIP	0

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R1072	1-218-990-81	SHORT CHIP	0			R1188	1-218-990-81	SHORT CHIP	0		
R1073	1-218-990-81	SHORT CHIP	0			R1190	1-208-886-81	METAL CHIP	910	0.5%	1/16W
R1075	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1192	1-218-941-81	RES-CHIP	100	5%	1/16W
R1076	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1193	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1078	1-218-990-81	SHORT CHIP	0			R1195	1-218-990-81	SHORT CHIP	0		
R1079	1-400-807-21	FERRITE	0UH			R1196	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1080	1-400-807-21	FERRITE	0UH			R1198	1-218-990-81	SHORT CHIP	0		
R1081	1-400-807-21	FERRITE	0UH			R1199	1-218-941-81	RES-CHIP	100	5%	1/16W
R1082	1-400-807-21	FERRITE	0UH			R1202	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1083	1-400-807-21	FERRITE	0UH			R1203	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1084	1-400-807-21	FERRITE	0UH			R1205	1-218-990-81	SHORT CHIP	0		
R1085	1-400-807-21	FERRITE	0UH			R1206	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1087	1-216-864-11	SHORT CHIP	0			R1207	1-218-949-11	RES-CHIP	470	5%	1/16W
R1095	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1208	1-218-990-81	SHORT CHIP	0		
R1099	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1209	1-218-990-81	SHORT CHIP	0		
R1101	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R1210	1-218-949-11	RES-CHIP	470	5%	1/16W
R1107	1-218-941-81	RES-CHIP	100	5%	1/16W	R1211	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1108	1-218-941-81	RES-CHIP	100	5%	1/16W	R1212	1-218-949-11	RES-CHIP	470	5%	1/16W
R1109	1-218-941-81	RES-CHIP	100	5%	1/16W	R1218	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R1110	1-218-941-81	RES-CHIP	100	5%	1/16W	R1223	1-218-945-11	RES-CHIP	220	5%	1/16W
R1111	1-218-933-11	RES-CHIP	22	5%	1/16W	R1224	1-218-990-81	SHORT CHIP	0		
R1112	1-218-941-81	RES-CHIP	100	5%	1/16W	R1225	1-218-937-11	RES-CHIP	47	5%	1/16W
R1113	1-218-933-11	RES-CHIP	22	5%	1/16W	R1226	1-216-813-11	METAL CHIP	220	5%	1/10W
R1115	1-218-941-81	RES-CHIP	100	5%	1/16W	R1227	1-218-937-11	RES-CHIP	47	5%	1/16W
R1116	1-218-990-81	SHORT CHIP	0			R1235	1-216-864-11	SHORT CHIP	0		
R1117	1-218-941-81	RES-CHIP	100	5%	1/16W	R1239	1-216-864-11	SHORT CHIP	0		
R1119	1-218-941-81	RES-CHIP	100	5%	1/16W	R1240	1-216-849-11	METAL CHIP	220K	5%	1/10W
R1122	1-216-864-11	SHORT CHIP	0			R1242	1-218-941-81	RES-CHIP	100	5%	1/16W
R1123	1-216-864-11	SHORT CHIP	0			R1243	1-216-809-11	METAL CHIP	100	5%	1/10W
R1124	1-216-864-11	SHORT CHIP	0			R1246	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1125	1-216-864-11	SHORT CHIP	0			R1247	1-216-864-11	SHORT CHIP	0		
R1134	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1255	1-400-591-22	FERRITE	0UH		
R1138	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1256	1-400-591-22	FERRITE	0UH		
R1142	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1257	1-400-591-22	FERRITE	0UH		
R1144	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W	R1258	1-400-591-22	FERRITE	0UH		
R1147	1-218-941-81	RES-CHIP	100	5%	1/16W	R1259	1-400-591-22	FERRITE	0UH		
R1158	1-218-941-81	RES-CHIP	100	5%	1/16W	R1260	1-400-591-22	FERRITE	0UH		
R1160	1-218-941-81	RES-CHIP	100	5%	1/16W	R1261	1-400-591-22	FERRITE	0UH		
R1161	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1262	1-400-591-22	FERRITE	0UH		
R1162	1-218-973-11	RES-CHIP	47K	5%	1/16W	R1263	1-400-591-22	FERRITE	0UH		
R1163	1-218-941-81	RES-CHIP	100	5%	1/16W	R1264	1-400-591-22	FERRITE	0UH		
R1164	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1265	1-400-591-22	FERRITE	0UH		
R1165	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1266	1-216-864-11	SHORT CHIP	0		
R1167	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1267	1-400-591-22	FERRITE	0UH		
R1168	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1270	1-218-941-81	RES-CHIP	100	5%	1/16W
R1169	1-216-864-11	SHORT CHIP	0			R1290	1-218-990-81	SHORT CHIP	0		
R1170	1-400-794-21	FERRITE	0UH			R1295	1-208-715-11	METAL CHIP	22K	0.5%	1/16W
R1180	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1701	1-216-864-11	SHORT CHIP	0		
R1183	1-218-941-81	RES-CHIP	100	5%	1/16W	R1702	1-216-809-11	METAL CHIP	100	5%	1/10W
R1186	1-218-990-81	SHORT CHIP	0			R1703	1-216-864-11	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R1707	1-218-990-81	SHORT CHIP	0			R5505	1-218-990-81	SHORT CHIP	0		
R1708	1-218-990-81	SHORT CHIP	0			R5506	1-211-986-11	METAL CHIP	51	0.5%	1/10W
R1709	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5507	1-218-990-81	SHORT CHIP	0		
R1710	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5508	1-218-933-11	RES-CHIP	22	5%	1/16W
R1721	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R5509	1-211-986-11	METAL CHIP	51	0.5%	1/10W
R1722	1-216-853-11	METAL CHIP	470K	5%	1/10W	R5510	1-218-933-11	RES-CHIP	22	5%	1/16W
R4700	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R5511	1-218-933-11	RES-CHIP	22	5%	1/16W
R4710	1-216-864-11	SHORT CHIP	0			R5512	1-218-933-11	RES-CHIP	22	5%	1/16W
R5000	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R5513	1-218-933-11	RES-CHIP	22	5%	1/16W
R5002	1-218-949-11	RES-CHIP	470	5%	1/16W	R5514	1-218-933-11	RES-CHIP	22	5%	1/16W
R5003	1-218-990-81	SHORT CHIP	0			R5515	1-218-933-11	RES-CHIP	22	5%	1/16W
R5004	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R5516	1-218-933-11	RES-CHIP	22	5%	1/16W
R5007	1-218-949-11	RES-CHIP	470	5%	1/16W	R5517	1-218-933-11	RES-CHIP	22	5%	1/16W
R5008	1-218-990-81	SHORT CHIP	0			R5518	1-218-933-11	RES-CHIP	22	5%	1/16W
R5009	1-218-989-11	RES-CHIP	1M	5%	1/16W	R5519	1-218-933-11	RES-CHIP	22	5%	1/16W
R5010	1-218-935-11	RES-CHIP	33	5%	1/16W	R6000	1-216-805-11	METAL CHIP	47	5%	1/10W
R5011	1-218-941-81	RES-CHIP	100	5%	1/16W	R6001	1-216-805-11	METAL CHIP	47	5%	1/10W
R5012	1-218-941-81	RES-CHIP	100	5%	1/16W	R6006	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5013	1-218-941-81	RES-CHIP	100	5%	1/16W	R6007	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5014	1-218-941-81	RES-CHIP	100	5%	1/16W	R6008	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5016	1-218-941-81	RES-CHIP	100	5%	1/16W	R6009	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5017	1-218-941-81	RES-CHIP	100	5%	1/16W	R6010	1-216-805-11	METAL CHIP	47	5%	1/10W
R5025	1-218-990-81	SHORT CHIP	0			R6011	1-216-805-11	METAL CHIP	47	5%	1/10W
R5026	1-216-864-11	SHORT CHIP	0			R6012	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5027	1-216-864-11	SHORT CHIP	0			R6013	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5029	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6014	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5031	1-218-941-81	RES-CHIP	100	5%	1/16W	R6015	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5039	1-218-990-81	SHORT CHIP	0			R6016	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5040	1-218-990-81	SHORT CHIP	0			R6017	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5042	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R6018	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5043	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R6019	1-216-845-11	METAL CHIP	100K	5%	1/10W
R5044	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R6021	1-216-801-11	METAL CHIP	22	5%	1/10W
R5045	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R6022	1-216-801-11	METAL CHIP	22	5%	1/10W
R5046	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R6023	1-216-801-11	METAL CHIP	22	5%	1/10W
R5047	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R6029	1-218-933-11	RES-CHIP	22	5%	1/16W
R5210	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R6030	1-218-933-11	RES-CHIP	22	5%	1/16W
R5211	1-218-990-81	SHORT CHIP	0			R6037	1-216-864-11	SHORT CHIP	0		
R5212	1-218-973-11	RES-CHIP	47K	5%	1/16W	R6038	1-216-864-11	SHORT CHIP	0		
R5214	1-218-933-11	RES-CHIP	22	5%	1/16W	R6039	1-216-853-11	METAL CHIP	470K	5%	1/10W
R5215	1-218-933-11	RES-CHIP	22	5%	1/16W	R6040	1-216-853-11	METAL CHIP	470K	5%	1/10W
R5218	1-216-864-11	SHORT CHIP	0			R6041	1-216-847-11	METAL CHIP	150K	5%	1/10W
R5221	1-216-864-11	SHORT CHIP	0			R6042	1-216-847-11	METAL CHIP	150K	5%	1/10W
R5222	1-216-864-11	SHORT CHIP	0			R6043	1-216-847-11	METAL CHIP	150K	5%	1/10W
R5223	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6044	1-216-847-11	METAL CHIP	150K	5%	1/10W
R5224	1-218-990-81	SHORT CHIP	0			R6045	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5225	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6046	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5226	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7000	1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R5500	1-400-794-21	FERRITE	0UH			R7001	1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R5503	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	R7002	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R5504	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	R7003	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R7004	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7081	1-400-591-22	FERRITE	0UH		
R7005	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R7082	1-400-591-22	FERRITE	0UH		
R7006	1-218-891-11	METAL CHIP	68K	0.5%	1/10W	R7083	1-400-591-22	FERRITE	0UH		
R7007	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R7506	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R7008	1-218-891-11	METAL CHIP	68K	0.5%	1/10W	R7507	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R7009	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7510	1-216-864-11	SHORT CHIP	0		
R7010	1-218-875-11	METAL CHIP	15K	0.5%	1/10W	R7515	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7011	1-218-879-11	METAL CHIP	22K	0.5%	1/10W	R7516	1-216-846-11	METAL CHIP	120K	5%	1/10W
R7012	1-216-835-11	METAL CHIP	15K	5%	1/10W	R7517	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7013	1-218-882-11	METAL CHIP	30K	0.5%	1/10W	R7518	1-216-847-11	METAL CHIP	150K	5%	1/10W
R7014	1-216-809-11	METAL CHIP	100	5%	1/10W	R7542	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7015	1-216-809-11	METAL CHIP	100	5%	1/10W	R7543	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7016	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7544	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7017	1-216-815-11	METAL CHIP	330	5%	1/10W	R7545	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7019	1-216-835-11	METAL CHIP	15K	5%	1/10W	R7546	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7020	1-216-864-11	SHORT CHIP	0			R9001	1-216-805-11	METAL CHIP	47	5%	1/10W
R7021	1-216-837-11	METAL CHIP	22K	5%	1/10W	R9002	1-216-805-11	METAL CHIP	47	5%	1/10W
R7022	1-216-864-11	SHORT CHIP	0			R9003	1-216-805-11	METAL CHIP	47	5%	1/10W
R7023	1-216-864-11	SHORT CHIP	0			R9004	1-216-805-11	METAL CHIP	47	5%	1/10W
R7024	1-216-837-11	METAL CHIP	22K	5%	1/10W	R9005	1-218-929-11	RES-CHIP	10	5%	1/16W
R7025	1-216-864-11	SHORT CHIP	0			R9006	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7026	1-216-864-11	SHORT CHIP	0			R9007	1-218-990-81	SHORT CHIP	0		
R7027	1-216-821-11	METAL CHIP	1K	5%	1/10W	R9008	1-218-990-81	SHORT CHIP	0		
R7028	1-216-821-11	METAL CHIP	1K	5%	1/10W	R9009	1-218-990-81	SHORT CHIP	0		
R7029	1-216-841-11	METAL CHIP	47K	5%	1/10W	R9010	1-216-864-11	SHORT CHIP	0		
R7030	1-216-841-11	METAL CHIP	47K	5%	1/10W	R9013	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R7031	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W	R9014	1-216-864-11	SHORT CHIP	0		
R7032	1-218-843-11	METAL CHIP	680	0.5%	1/10W	R9015	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7035	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	R9016	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7036	1-218-845-11	METAL CHIP	820	0.5%	1/10W	R9017	1-218-941-81	RES-CHIP	100	5%	1/16W
R7040	1-216-295-91	SHORT CHIP	0			R9018	1-218-941-81	RES-CHIP	100	5%	1/16W
R7041	1-400-794-21	FERRITE	0UH			R9019	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7045	1-216-295-91	SHORT CHIP	0			R9020	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7046	1-216-295-91	SHORT CHIP	0			R9022	1-218-973-11	RES-CHIP	47K	5%	1/16W
R7048	1-216-295-91	SHORT CHIP	0			R9025	1-218-941-81	RES-CHIP	100	5%	1/16W
R7049	1-216-864-11	SHORT CHIP	0			R9031	1-218-929-11	RES-CHIP	10	5%	1/16W
R7050	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R9032	1-218-929-11	RES-CHIP	10	5%	1/16W
R7051	1-218-839-11	METAL CHIP	470	0.5%	1/10W	R9033	1-218-929-11	RES-CHIP	10	5%	1/16W
R7053	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	R9034	1-218-929-11	RES-CHIP	10	5%	1/16W
R7054	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	R9035	1-218-929-11	RES-CHIP	10	5%	1/16W
R7055	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R9036	1-218-929-11	RES-CHIP	10	5%	1/16W
R7056	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R9037	1-218-929-11	RES-CHIP	10	5%	1/16W
R7057	1-216-843-11	METAL CHIP	68K	5%	1/10W	R9038	1-218-929-11	RES-CHIP	10	5%	1/16W
R7058	1-216-851-11	METAL CHIP	330K	5%	1/10W	R9040	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7060	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9041	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7063	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9044	1-218-937-11	RES-CHIP	47	5%	1/16W
R7064	1-216-864-11	SHORT CHIP	0			R9045	1-218-937-11	RES-CHIP	47	5%	1/16W
R7066	1-216-835-11	METAL CHIP	15K	5%	1/10W	R9046	1-218-937-11	RES-CHIP	47	5%	1/16W
R7067	1-218-879-11	METAL CHIP	22K	0.5%	1/10W	R9047	1-216-295-91	SHORT CHIP	0		
R7080	1-400-591-22	FERRITE	0UH			R9048	1-218-937-11	RES-CHIP	47	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R9051	1-218-937-11	RES-CHIP	47	5%	1/16W	VD6004	1-802-078-11	VARISTOR (SMD)			
R9054	1-216-853-11	METAL CHIP	470K	5%	1/10W	VD6005	1-802-078-11	VARISTOR (SMD)			
R9055	1-216-853-11	METAL CHIP	470K	5%	1/10W	VD6006	1-802-078-11	VARISTOR (SMD)			
R9060	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	VD9001	1-802-078-11	VARISTOR (SMD)			
R9061	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	VD9002	1-802-078-11	VARISTOR (SMD)			
R9062	1-216-847-11	METAL CHIP	150K	5%	1/10W	VD9003	6-500-701-01	DIODE PGB1010603NR			
R9063	1-216-847-11	METAL CHIP	150K	5%	1/10W	VD9004	6-500-701-01	DIODE PGB1010603NR			
R9064	1-216-821-11	METAL CHIP	1K	5%	1/10W	VD9005	6-500-701-01	DIODE PGB1010603NR			
R9065	1-216-847-11	METAL CHIP	150K	5%	1/10W	VD9006	6-500-701-01	DIODE PGB1010603NR			
R9066	1-216-847-11	METAL CHIP	150K	5%	1/10W	VD9007	6-500-701-01	DIODE PGB1010603NR			
R9067	1-216-821-11	METAL CHIP	1K	5%	1/10W	VD9008	6-500-701-01	DIODE PGB1010603NR			
R9070	1-218-953-11	RES-CHIP	1K	5%	1/16W	VD9010	6-500-701-01	DIODE PGB1010603NR			
R9071	1-218-973-11	RES-CHIP	47K	5%	1/16W	VD9011	6-500-701-01	DIODE PGB1010603NR			
R9072	1-218-973-11	RES-CHIP	47K	5%	1/16W	VD9012	6-500-701-01	DIODE PGB1010603NR			
R9073	1-218-973-11	RES-CHIP	47K	5%	1/16W	VD9013	6-500-701-01	DIODE PGB1010603NR			
R9074	1-218-969-11	RES-CHIP	22K	5%	1/16W	< CRYSTAL >					
R9075	1-218-989-11	RES-CHIP	1M	5%	1/16W	X1001	1-813-070-21	PIEZOELECTRIC OSCILLATOR			
R9076	1-218-973-11	RES-CHIP	47K	5%	1/16W	X1009	1-813-784-21	VIBRATOR, CRYSTAL 32.768KHZ			
R9944	1-216-295-91	SHORT CHIP	0			X5000	1-813-773-11	VIBRATOR, CRYSTAL			
< RESISTOR CHIP >											
RB1004	1-234-372-11	RES, NETWORK	100		(1005X4)	*A-1173-180-C FEE Board, Complete (AEP only) *A-1173-179-C FEE Board, Complete (UK only)					
RB1005	1-234-372-11	RES, NETWORK	100		(1005X4)						
RB1006	1-234-372-11	RES, NETWORK	100		(1005X4)	< CAPACITOR >					
RB1007	1-234-378-21	RES, NETWORK	10K		(1005X4)	C3100	1-100-911-11	CERAMIC CHIP 4.7UF	10%	25V	
RB1008	1-234-378-21	RES, NETWORK	10K		(1005X4)	C3101	1-117-720-11	CERAMIC CHIP 4.7UF		10V	
						C3102	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB4700	1-234-375-21	RES, NETWORK	1K		(1005X4)	C3103	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB4701	1-234-375-21	RES, NETWORK	1K		(1005X4)	C3104	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB5000	1-234-795-21	RES, NETWORK	0X4		(2010)						
RB5001	1-234-795-21	RES, NETWORK	0X4		(2010)	C3105	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB5201	1-234-372-11	RES, NETWORK	100		(1005X4)	C3106	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
						C3107	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB5202	1-234-372-11	RES, NETWORK	100		(1005X4)	C3108	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB5203	1-234-372-11	RES, NETWORK	100		(1005X4)	C3109	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB5500	1-234-370-21	RES, NETWORK	22		(1005X4)						
RB5501	1-234-370-21	RES, NETWORK	22		(1005X4)	C3110	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB5502	1-234-370-21	RES, NETWORK	22		(1005X4)	C3111	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
						C3112	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB5503	1-234-370-21	RES, NETWORK	22		(1005X4)	C3113	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB5504	1-234-370-21	RES, NETWORK	22		(1005X4)	C3114	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB5505	1-234-370-21	RES, NETWORK	22		(1005X4)						
RB5506	1-234-370-21	RES, NETWORK	22		(1005X4)	C3116	1-124-779-00	ELECT CHIP 10UF	20.00%	16V	
RB5507	1-234-370-21	RES, NETWORK	22		(1005X4)	C3120	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
						C3121	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB5508	1-234-370-21	RES, NETWORK	22		(1005X4)	C3122	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB5509	1-234-370-21	RES, NETWORK	22		(1005X4)	C3123	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB5510	1-234-370-21	RES, NETWORK	22		(1005X4)						
RB5511	1-234-370-21	RES, NETWORK	22		(1005X4)	C3124	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
						C3125	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
< VARISTOR >						C3126	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
VD6000	1-802-078-11	VARISTOR (SMD)				C3130	1-164-850-11	CERAMIC CHIP 10PF	0.50PF	50V	
VD6001	1-802-078-11	VARISTOR (SMD)				C3131	1-164-850-11	CERAMIC CHIP 10PF	0.50PF	50V	
VD6002	1-802-078-11	VARISTOR (SMD)									
VD6003	1-802-078-11	VARISTOR (SMD)									

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C3132	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V	C3404	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3133	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V	C3405	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3134	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3409	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C3135	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3410	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3136	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V	C3411	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C3137	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3412	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3138	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3413	1-117-720-11	CERAMIC CHIP 4.7UF	10% 10V
C3139	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3415	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3140	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C3417	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3141	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3428	1-112-066-11	CERAMIC CHIP 10UF	10% 10V
C3142	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3432	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3143	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3436	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3200	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3439	1-165-681-21	ELECT CHIP 180UF	20% 16V
C3201	1-117-720-11	CERAMIC CHIP 4.7UF	10% 10V	C3442	1-164-882-11	CERAMIC CHIP 220PF	5.00% 16V
C3202	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3443	1-107-819-11	CERAMIC CHIP 0.022UF	10.00% 16V
C3203	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3444	1-135-960-91	CERAMIC CHIP 10UF	10% 25V
C3205	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3445	1-165-671-21	ELECT CHIP 470UF	20% 6.3V
C3206	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C3446	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3207	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3502	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3208	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3503	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3209	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3505	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3210	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3506	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C3211	1-117-720-11	CERAMIC CHIP 4.7UF	10% 10V	C3605	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3212	1-117-681-11	ELECT CHIP 100UF	20.00% 16V	C3606	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3214	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3607	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3215	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	C3609	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3216	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C3610	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3217	1-117-720-11	CERAMIC CHIP 4.7UF	10% 10V	C3611	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3218	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	< CONNECTOR >			
C3219	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	CN3300	*1-793-769-21	CONNECTOR, CARD (PCMCIA CARD)	
C3220	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	CN3400	1-820-255-51	FFC/FPC CONNECTOR (ZIF) 20P	
C3300	1-117-720-11	CERAMIC CHIP 4.7UF	10% 10V	CN3401	1-819-475-11	HEADER ASSEMBLY FOR PWB 7P	
C3301	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	CN3600	1-820-235-21	HEADER ASSEMBLY 30P	
C3303	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	CN3601	1-820-209-11	MEMORY STICK CONNECTOR	
C3306	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	CN3610	1-780-336-11	EARTH TERMINAL	
C3307	1-117-720-11	CERAMIC CHIP 4.7UF	10% 10V	CN3611	1-780-336-11	EARTH TERMINAL	
C3308	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	< DIODE >			
C3309	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	D3400	6-501-060-01	DIODE STPS2L25U	
C3310	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	D3401	6-500-294-01	DIODE PTZ-TE25-3.9B	
C3312	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	D3503	8-719-066-11	DIODE 1PS184-115	
C3315	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	< FERRITE BEAD >			
C3316	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	FB3103	1-400-834-11	FERRITE 0UH	
C3320	1-117-720-11	CERAMIC CHIP 4.7UF	10% 10V	FB3104	1-400-834-11	FERRITE 0UH	
C3322	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	FB3105	1-400-834-11	FERRITE 0UH	
C3323	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	FB3106	1-400-834-11	FERRITE 0UH	
C3324	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	FB3107	1-400-834-11	FERRITE 0UH	
C3326	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V				
C3328	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V				
C3402	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V				
C3403	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V				

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
FB3108	1-400-834-11	FERRITE	OUI	FB3616	1-400-834-11	FERRITE	OUI
FB3109	1-400-834-11	FERRITE	OUI	FB3617	1-400-834-11	FERRITE	OUI
FB3110	1-400-834-11	FERRITE	OUI	FB3618	1-400-834-11	FERRITE	OUI
FB3111	1-400-834-11	FERRITE	OUI	FB3619	1-400-834-11	FERRITE	OUI
FB3113	1-400-834-11	FERRITE	OUI	FB3620	1-400-834-11	FERRITE	OUI
FB3114	1-469-869-21	FERRITE	OUI	< IC >			
FB3115	1-400-244-11	FERRITE	OUI	IC3100	6-709-214-01	IC UPD61123F1-100-KA3-A	
FB3116	1-400-244-11	FERRITE	OUI	IC3200	6-707-809-01	IC EDD1216AATA-6B-E	
FB3117	1-469-869-21	FERRITE	OUI	IC3201	6-708-916-01	IC ICS7150MLFT	
FB3118	1-469-869-21	FERRITE	OUI	IC3206	6-705-336-01	IC K9F2808U0C-PCB0T	
FB3119	1-400-807-21	FERRITE	OUI	IC3301	8-759-644-48	IC 74LVC541APW	
FB3120	1-400-807-21	FERRITE	OUI	IC3302	8-759-644-48	IC 74LVC541APW	
FB3121	1-400-807-21	FERRITE	OUI	IC3304	8-759-644-48	IC 74LVC541APW	
FB3122	1-400-807-21	FERRITE	OUI	IC3305	8-759-644-48	IC 74LVC541APW	
FB3123	1-400-807-21	FERRITE	OUI	IC3306	8-759-644-48	IC 74LVC541APW	
FB3125	1-469-869-21	FERRITE	OUI	IC3308	8-759-644-48	IC 74LVC541APW	
FB3200	1-400-244-11	FERRITE	OUI	IC3311	8-759-298-91	IC 74LVT245PW-T	
FB3201	1-400-244-11	FERRITE	OUI	IC3312	6-708-853-01	IC TC74LCX541FT(EKJ)	
FB3300	1-469-869-21	FERRITE	OUI	IC3316	6-708-132-01	IC 74LVC14APW	
FB3301	1-469-869-21	FERRITE	OUI	IC3317	6-706-482-01	IC TC7SH00FU(T5RSOYJF)	
FB3402	1-400-244-11	FERRITE	OUI	IC3402	6-705-790-01	IC LM3525MX-H/J5000395	
FB3403	1-400-834-11	FERRITE	OUI	IC3404	6-706-106-01	IC NCP1117STAT3	
FB3407	1-469-869-21	FERRITE	OUI	IC3405	6-708-603-01	IC PQ070XNA1ZPH	
FB3408	1-400-461-21	FERRITE	OUI	IC3406	6-707-078-01	IC L5973ADTR	
FB3409	1-400-461-21	FERRITE	OUI	IC3501	6-703-175-01	IC PST3629UL	
FB3410	1-400-461-21	FERRITE	OUI	< COIL >			
FB3411	1-400-461-21	FERRITE	OUI	L3100	1-414-398-11	INDUCTOR	10UH
FB3412	1-400-834-11	FERRITE	OUI	L3400	1-419-353-21	INDUCTOR	10UH
FB3413	1-400-834-11	FERRITE	OUI	L3401	*1-424-924-21	COIL, POWER	
FB3414	1-400-834-11	FERRITE	OUI	< TRANSISTOR >			
FB3415	1-400-834-11	FERRITE	OUI	Q3409	8-729-010-05	TRANSISTOR MSE709-RT1	
FB3416	1-400-834-11	FERRITE	OUI	Q3501	8-729-027-43	TRANSISTOR DTC114EKA-T146	
FB3417	1-400-834-11	FERRITE	OUI	Q3502	8-729-027-43	TRANSISTOR DTC114EKA-T146	
FB3418	1-400-834-11	FERRITE	OUI	< RESISTOR >			
FB3419	1-400-834-11	FERRITE	OUI	R3100	1-218-965-11	RES-CHIP	10K 5% 1/16W
FB3601	1-469-869-21	FERRITE	OUI	R3101	1-218-941-81	RES-CHIP	100 5% 1/16W
FB3602	1-469-869-21	FERRITE	OUI	R3102	1-218-941-81	RES-CHIP	100 5% 1/16W
FB3603	1-469-869-21	FERRITE	OUI	R3103	1-218-941-81	RES-CHIP	100 5% 1/16W
FB3604	1-400-834-11	FERRITE	OUI	R3104	1-218-941-81	RES-CHIP	100 5% 1/16W
FB3605	1-400-834-11	FERRITE	OUI	R3105	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
FB3606	1-400-834-11	FERRITE	OUI	R3106	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
FB3607	1-400-834-11	FERRITE	OUI	R3109	1-218-941-81	RES-CHIP	100 5% 1/16W
FB3608	1-400-834-11	FERRITE	OUI	R3110	1-218-941-81	RES-CHIP	100 5% 1/16W
FB3609	1-400-834-11	FERRITE	OUI	R3111	1-218-941-81	RES-CHIP	100 5% 1/16W
FB3610	1-400-834-11	FERRITE	OUI	R3112	1-218-941-81	RES-CHIP	100 5% 1/16W
FB3611	1-400-834-11	FERRITE	OUI	R3113	1-218-965-11	RES-CHIP	10K 5% 1/16W
FB3612	1-400-834-11	FERRITE	OUI				
FB3613	1-400-834-11	FERRITE	OUI				
FB3614	1-400-834-11	FERRITE	OUI				
FB3615	1-400-834-11	FERRITE	OUI				

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R3114	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3240	1-218-939-11	RES-CHIP	68	5%	1/16W
R3115	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3241	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3117	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3242	1-218-941-81	RES-CHIP	100	5%	1/16W
R3119	1-218-990-81	SHORT CHIP	0			R3244	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3120	1-218-990-81	SHORT CHIP	0			R3247	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3125	1-218-937-11	RES-CHIP	47	5%	1/16W	R3249	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3126	1-218-990-81	SHORT CHIP	0			R3250	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3127	1-220-174-11	RES-CHIP	200	5%	1/16W	R3251	1-218-949-11	RES-CHIP	470	5%	1/16W
R3128	1-220-174-11	RES-CHIP	200	5%	1/16W	R3254	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3129	1-220-174-11	RES-CHIP	200	5%	1/16W	R3255	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3130	1-220-174-11	RES-CHIP	200	5%	1/16W	R3258	1-218-941-81	RES-CHIP	100	5%	1/16W
R3131	1-220-174-11	RES-CHIP	200	5%	1/16W	R3259	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3132	1-220-174-11	RES-CHIP	200	5%	1/16W	R3263	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3133	1-208-671-11	METAL CHIP	330	0.5%	1/16W	R3300	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3134	1-208-679-11	METAL CHIP	680	0.5%	1/16W	R3301	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3136	1-208-675-11	METAL CHIP	470	0.5%	1/16W	R3302	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3138	1-218-990-81	SHORT CHIP	0			R3303	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3142	1-218-937-11	RES-CHIP	47	5%	1/16W	R3308	1-218-941-81	RES-CHIP	100	5%	1/16W
R3143	1-218-937-11	RES-CHIP	47	5%	1/16W	R3310	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3144	1-218-937-11	RES-CHIP	47	5%	1/16W	R3311	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3146	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3312	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3147	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3313	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3148	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3314	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3149	1-218-990-81	SHORT CHIP	0			R3317	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3150	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3321	1-218-941-81	RES-CHIP	100	5%	1/16W
R3151	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3324	1-218-941-81	RES-CHIP	100	5%	1/16W
R3200	1-218-941-11	RES-CHIP	100	5%	1/16W	R3329	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3201	1-218-941-11	RES-CHIP	100	5%	1/16W	R3400	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3202	1-218-939-11	RES-CHIP	68	5%	1/16W	R3401	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3203	1-218-941-81	RES-CHIP	100	5%	1/16W	R3406	1-218-935-11	RES-CHIP	33	5%	1/16W
R3204	1-218-941-81	RES-CHIP	100	5%	1/16W	R3407	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3205	1-218-937-11	RES-CHIP	47	5%	1/16W	R3418	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3207	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3419	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3209	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3425	1-220-174-11	RES-CHIP	200	5%	1/16W
R3210	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3426	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3212	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3430	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3214	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3432	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3217	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3433	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R3218	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3434	1-208-702-11	METAL CHIP	6.2K	0.5%	1/16W
R3220	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3435	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R3222	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3436	1-218-937-11	RES-CHIP	47	5%	1/16W
R3224	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3437	1-218-990-81	SHORT CHIP	0		
R3226	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3473	1-218-945-11	RES-CHIP	220	5%	1/16W
R3229	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3504	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3230	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3508	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3233	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3511	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3235	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3513	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3237	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R3514	1-218-941-81	RES-CHIP	100	5%	1/16W
R3238	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3515	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3239	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3518	1-218-965-11	RES-CHIP	10K	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R3519	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	C3834	1-165-908-11	CERAMIC CHIP 1UF	10%	10V	
R3520	1-218-965-11	RES-CHIP	10K	5%	1/16W	C3900	1-100-611-91	CERAMIC CHIP 22UF	20%	6.3V	
R3522	1-218-941-81	RES-CHIP	100	5%	1/16W	C3901	1-164-943-81	CERAMIC CHIP 0.01UF	10.00%	16V	
R3554	1-218-965-11	RES-CHIP	10K	5%	1/16W	C3902	1-164-947-11	CERAMIC CHIP 0.01UF		50V	
R3600	1-218-965-11	RES-CHIP	10K	5%	1/16W	C3903	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
R3601	1-218-953-11	RES-CHIP	1K	5%	1/16W	C3904	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
R3602	1-218-941-81	RES-CHIP	100	5%	1/16W	C3906	1-164-947-11	CERAMIC CHIP 0.01UF		50V	
R3603	1-218-941-81	RES-CHIP	100	5%	1/16W	C3907	1-135-366-11	ELECT CHIP 100UF	20%	16V	
R3604	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	C3909	1-128-991-21	ELECT CHIP 10UF	20%	50V	
R3609	1-218-941-81	RES-CHIP	100	5%	1/16W	C3910	1-126-204-11	ELECT CHIP 47UF	20.00%	16V	
R3610	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	C3911	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
R3611	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	C3914	1-164-947-11	CERAMIC CHIP 0.01UF		50V	
R3612	1-218-990-81	SHORT CHIP	0			C3917	1-117-681-11	ELECT CHIP 100UF	20.00%	16V	
R3613	1-218-990-81	SHORT CHIP	0			C3918	1-135-595-11	ELECT 100UF	20%	6.3V	
R3616	1-218-965-11	RES-CHIP	10K	5%	1/16W	C3919	1-135-595-11	ELECT 100UF	20%	6.3V	
R3617	1-218-965-11	RES-CHIP	10K	5%	1/16W	C3920	1-100-566-91	CERAMIC CHIP 0.1UF	10.00%	25V	
R3623	1-218-965-11	RES-CHIP	10K	5%	1/16W	C3921	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
R3628	1-218-965-11	RES-CHIP	10K	5%	1/16W	C3923	1-164-943-81	CERAMIC CHIP 0.01UF	10.00%	16V	
R3646	1-218-965-11	RES-CHIP	10K	5%	1/16W	C3924	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
R3647	1-218-965-11	RES-CHIP	10K	5%	1/16W	C3926	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
R3648	1-218-941-81	RES-CHIP	100	5%	1/16W	C3927	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
R3649	1-218-941-81	RES-CHIP	100	5%	1/16W	C3929	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
R3650	1-218-941-81	RES-CHIP	100	5%	1/16W	C3930	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
R3651	1-218-941-81	RES-CHIP	100	5%	1/16W	C3931	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
R3652	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	C3932	1-115-566-11	CERAMIC CHIP 4.7UF	10.00%	10V	
R3653	1-218-943-11	RES-CHIP	150	5%	1/16W	C3933	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
R3654	1-218-943-11	RES-CHIP	150	5%	1/16W	C3935	1-117-681-11	ELECT CHIP 100UF	20.00%	16V	
R3655	1-218-943-11	RES-CHIP	150	5%	1/16W	C3937	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
< RESISTOR CHIP >						C3941	1-164-852-11	CERAMIC CHIP 12PF	5.00%	50V	
RB3200	1-234-372-11	RES, NETWORK	100		(1005X4)	C3942	1-164-852-11	CERAMIC CHIP 12PF	5.00%	50V	
RB3201	1-234-372-11	RES, NETWORK	100		(1005X4)	C3945	1-115-566-11	CERAMIC CHIP 4.7UF	10.00%	10V	
RB3202	1-234-372-11	RES, NETWORK	100		(1005X4)	C3946	1-115-566-11	CERAMIC CHIP 4.7UF	10.00%	10V	
RB3203	1-234-702-11	RES, NETWORK	68		(1005X4)	C3947	1-164-852-11	CERAMIC CHIP 12PF	5.00%	50V	
RB3204	1-234-702-11	RES, NETWORK	68		(1005X4)	C3948	1-164-852-11	CERAMIC CHIP 12PF	5.00%	50V	
RB3206	1-234-372-11	RES, NETWORK	100		(1005X4)	C3950	1-100-611-91	CERAMIC CHIP 22UF	20%	6.3V	
RB3207	1-234-372-11	RES, NETWORK	100		(1005X4)	C3951	1-128-405-11	ELECT CHIP 22UF	20%	50V	
RB3208	1-234-702-11	RES, NETWORK	68		(1005X4)	C3952	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V	
RB3209	1-234-702-11	RES, NETWORK	68		(1005X4)	C3953	1-100-053-21	ELECT CHIP 220UF	20%	6.3V	
< CRYSTAL >						C3954	1-164-866-11	CERAMIC CHIP 47PF	5.00%	50V	
X3200	1-813-055-11	QUARTZ CRYSTAL UNIT				C3955	1-164-936-11	CERAMIC CHIP 680PF	10.00%	50V	
						C3956	1-164-936-11	CERAMIC CHIP 680PF	10.00%	50V	
						< CONNECTOR >					
						CN3802	1-819-339-11	HEADER ASSEMBLY FOR PWB 12P			
						CN3900	1-695-915-11	TAB (CONTACT)			
						CN3901	1-820-235-21	HEADER ASSEMBLY 30P			
						CN3903	1-819-337-11	HEADER ASSEMBLY FOR PWB 10P			
						CN3904	1-819-474-11	HEADER ASSEMBLY FOR PWB 6P			
						CN3907	1-780-336-11	EARTH TERMINAL			

***A-1173-184-A TUE Board, Complete**

< CAPACITOR >

C3803	1-100-566-91	CERAMIC CHIP 0.1UF	10.00%	25V
C3814	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V
C3815	1-117-681-11	ELECT CHIP 100UF	20.00%	16V
C3819	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V
C3821	1-117-681-11	ELECT CHIP 100UF	20.00%	16V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
< DIODE >				R3913	1-218-965-11	RES-CHIP	10K 5% 1/16W
D3900	8-719-083-87	DIODE UDZS-TE17-33B		R3918	1-218-941-81	RES-CHIP	100 5% 1/16W
< FERRITE BEAD >				R3919	1-218-941-81	RES-CHIP	100 5% 1/16W
FB3901	1-469-869-21	FERRITE	0UH	R3921	1-218-941-81	RES-CHIP	100 5% 1/16W
FB3902	1-469-869-21	FERRITE	0UH	R3922	1-218-941-81	RES-CHIP	100 5% 1/16W
FB3903	1-469-869-21	FERRITE	0UH	R3924	1-218-933-11	RES-CHIP	22 5% 1/16W
FB3909	1-469-869-21	FERRITE	0UH	R3925	1-218-933-11	RES-CHIP	22 5% 1/16W
< FILTER >				R3926	1-218-941-81	RES-CHIP	100 5% 1/16W
FL3800	1-239-899-21	FERRITE	0UH	R3927	1-218-965-11	RES-CHIP	10K 5% 1/16W
< IC >				R3929	1-218-990-81	SHORT CHIP	0
IC3802	6-706-106-01	IC NCP1117STAT3		R3930	1-218-990-81	SHORT CHIP	0
IC3900	6-709-257-01	IC 74LVC4066PW		R3938	1-218-941-81	RES-CHIP	100 5% 1/16W
< COIL >				R3943	1-218-949-11	RES-CHIP	470 5% 1/16W
L3804	1-400-175-21	INDUCTOR	47UH	R3945	1-218-953-11	RES-CHIP	1K 5% 1/16W
L3805	1-410-993-42	INDUCTOR	1UH	R3946	1-218-949-11	RES-CHIP	470 5% 1/16W
L3900	1-412-006-31	INDUCTOR	10UH	R3947	1-218-929-11	RES-CHIP	10 5% 1/16W
L3902	*1-424-924-21	COIL, POWER		R3948	1-218-929-11	RES-CHIP	10 5% 1/16W
L3903	1-410-993-42	INDUCTOR	1UH	R3950	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
L3904	1-412-989-11	INDUCTOR	6.8UH	R3951	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
< TRANSISTOR >				R3952	1-218-937-11	RES-CHIP	47 5% 1/16W
Q3900	8-729-027-43	TRANSISTOR DTC114EKA-T146		R3953	1-218-941-81	RES-CHIP	100 5% 1/16W
Q3901	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3958	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
Q3902	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3959	1-218-953-11	RES-CHIP	1K 5% 1/16W
Q3903	6-550-871-01	TRANSISTOR 2SA2048TL QR		R3960	1-218-953-11	RES-CHIP	1K 5% 1/16W
Q3904	6-550-871-01	TRANSISTOR 2SA2048TL QR		R3961	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q3905	6-550-871-01	TRANSISTOR 2SA2048TL QR		R3962	1-218-969-11	RES-CHIP	22K 5% 1/16W
Q3906	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3967	1-218-941-81	RES-CHIP	100 5% 1/16W
Q3907	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R		R3970	1-218-953-11	RES-CHIP	1K 5% 1/16W
< RESISTOR >				R3971	1-218-969-11	RES-CHIP	22K 5% 1/16W
R3810	1-208-683-11	METAL CHIP	1K 0.5% 1/16W	R3973	1-218-990-81	SHORT CHIP	0
R3812	1-218-948-11	RES-CHIP	390 5% 1/16W	R3974	1-218-990-81	SHORT CHIP	0
R3813	1-218-937-11	RES-CHIP	47 5% 1/16W	R3980	1-218-941-81	RES-CHIP	100 5% 1/16W
R3900	1-216-295-91	SHORT CHIP	0	R3981	1-218-933-11	RES-CHIP	22 5% 1/16W
R3901	1-218-990-81	SHORT CHIP	0	R3982	1-218-953-11	RES-CHIP	1K 5% 1/16W
R3902	1-218-938-11	RES-CHIP	56 5% 1/16W	R3983	1-218-990-81	SHORT CHIP	0
R3903	1-218-953-11	RES-CHIP	1K 5% 1/16W	R3984	1-218-990-81	SHORT CHIP	0
R3904	1-218-937-11	RES-CHIP	47 5% 1/16W	R3985	1-218-990-81	SHORT CHIP	0
R3906	1-216-821-11	METAL CHIP	1K 5% 1/10W	R3986	1-218-990-81	SHORT CHIP	0
R3907	1-218-973-11	RES-CHIP	47K 5% 1/16W	R3987	1-218-990-81	SHORT CHIP	0
R3908	1-218-937-11	RES-CHIP	47 5% 1/16W	R3988	1-218-990-81	SHORT CHIP	0
R3909	1-218-965-11	RES-CHIP	10K 5% 1/16W	R3989	1-218-990-81	SHORT CHIP	0
R3911	1-218-990-81	SHORT CHIP	0	R3996	1-218-990-81	SHORT CHIP	0
< RESISTOR CHIP >				R3997	1-218-933-11	RES-CHIP	22 5% 1/16W
RB3900	1-234-371-21	RES, NETWORK	47 (1005X4)	R3998	1-218-933-11	RES-CHIP	22 5% 1/16W
RB3901	1-234-371-21	RES, NETWORK	47 (1005X4)				
RB3902	1-234-371-21	RES, NETWORK	47 (1005X4)				

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
< TUNER >				IC302	6-600-447-01	IC TPS853 (SONY)	
TU3901	8-597-571-00	TUNER UNIT, DIGITAL BTD-HF431Z		< TRANSISTOR >			
*A-1188-414-C H1E Board, Complete (KDL-26/32S2000/S2010/S2020 & 40S2000/S2010)				Q301	8-729-028-96	TRANSISTOR DTC114EUA-T106	
*A-1192-081-C H1E Board, Complete (KDL-46S2000/S2010)				Q302	8-729-028-96	TRANSISTOR DTC114EUA-T106	
< CONNECTOR >				Q303	8-729-028-96	TRANSISTOR DTC114EUA-T106	
CN101	1-819-445-11	HEADER ASSEMBLY FOR PWB 3P		Q304	8-729-028-96	TRANSISTOR DTC114EUA-T106	
< RESISTOR >				Q305	8-729-028-96	TRANSISTOR DTC114EUA-T106	
R101	1-218-848-11	METAL CHIP	1.1K 0.5% 1/10W	Q306	8-729-602-36	TRANSISTOR 2SA1602-F	
R102	1-218-841-11	METAL CHIP	560 0.5% 1/10W	< RESISTOR >			
R103	1-218-835-11	METAL CHIP	330 0.5% 1/10W	R301	1-216-819-11	METAL CHIP	680 5% 1/10W
R104	1-218-831-11	METAL CHIP	220 0.5% 1/10W	R302	1-216-815-11	METAL CHIP	330 5% 1/10W
R105	1-218-827-11	METAL CHIP	150 0.5% 1/10W	R303	1-216-819-11	METAL CHIP	680 5% 1/10W
< SWITCH >				R304	1-216-815-11	METAL CHIP	330 5% 1/10W
S101	1-572-595-11	SWITCH, TACTIL (REFLOW TYPE)		R305	1-216-823-11	METAL CHIP	1.5K 5% 1/10W
S102	1-572-595-11	SWITCH, TACTIL (REFLOW TYPE)		R306	1-216-817-11	METAL CHIP	470 5% 1/10W
S103	1-572-595-11	SWITCH, TACTIL (REFLOW TYPE)		R307	1-216-805-11	METAL CHIP	47 5% 1/10W
S104	1-572-595-11	SWITCH, TACTIL (REFLOW TYPE)		R309	1-216-839-11	METAL CHIP	33K 5% 1/10W
S105	1-572-595-11	SWITCH, TACTIL (REFLOW TYPE)		R310	1-216-821-11	METAL CHIP	1K 5% 1/10W
S106	1-572-595-11	SWITCH, TACTIL (REFLOW TYPE)		R311	1-216-833-11	METAL CHIP	10K 5% 1/10W
S107	1-572-595-11	SWITCH, TACTIL (REFLOW TYPE)		R313	1-216-849-11	METAL CHIP	220K 5% 1/10W
*A-1188-414-C H3E Board, Complete (KDL-26/32S2000/S2010/S2020 & 40S2000/S2010)				R314	1-216-849-11	METAL CHIP	220K 5% 1/10W
*A-1192-081-C H3E Board, Complete (KDL-46S2000/S2010)				R315	1-216-864-11	SHORT CHIP	0
< CAPACITOR >				R316	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
C302	1-162-960-11	CERAMIC CHIP 220PF	10.00% 50V	*A-1188-414-C AE Board, Complete (KDL-26/32S2000/S2010/S2020 & 40S2000/S2010)			
C303	1-119-667-11	CERAMIC CHIP 22UF	10V	*A-1192-081-C AE Board, Complete (KDL-46S2000/S2010)			
C305	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	< CAPACITOR >			
C307	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C2008	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C308	1-126-205-11	ELECT CHIP 47UF	20.00% 6.3V	C2009	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
< CONNECTOR >				C2013	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
CN301	1-820-187-11	HEADER ASSEMBLY (PRINT PWB)10P		C2015	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
< DIODE >				C2016	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
D302	8-719-085-26	DIODE CL-165HR/SYG-D-T		C2017	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
D305	8-719-085-26	DIODE CL-165HR/SYG-D-T		C2018	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
D308	6-500-817-01	DIODE (LED) SML-512UWT86		C2019	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
< IC >				C2020	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
IC301	6-600-502-01	HIC GP1UE26RK0VF		C2021	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
				C2023	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
				C2024	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
				C2025	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
				C2026	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
				C2033	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
				C2040	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
				C2041	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C2042	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C7039	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6001	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7040	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C6003	1-117-681-11	ELECT CHIP 100UF	20.00% 16V	C7042	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C6005	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	C7043	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C6006	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7044	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C6009	1-100-743-91	CERAMIC CHIP 2.2UF	20% 16V	C7045	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C6011	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7046	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C6014	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	C7047	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C6015	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7048	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C6016	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	C7049	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C6017	1-126-204-11	ELECT CHIP 47UF	20.00% 16V	C7050	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C6018	1-100-743-91	CERAMIC CHIP 2.2UF	20% 16V	C7051	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C6019	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C7052	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C6020	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C7053	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C6022	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V	C7054	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C6023	1-128-995-21	ELECT CHIP 100UF	20% 10V	C7055	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6024	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V	C7056	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C6025	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7057	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C6026	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7060	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C6027	1-117-681-11	ELECT CHIP 100UF	20.00% 16V	C7061	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C7002	1-162-928-11	CERAMIC CHIP 120PF	5.00% 50V	C7062	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C7004	1-162-906-11	CERAMIC CHIP 1.5PF	0.25PF 50V	C7063	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C7005	1-162-906-11	CERAMIC CHIP 1.5PF	0.25PF 50V	C7064	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C7007	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	C7065	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C7008	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C7072	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C7009	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C7073	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C7010	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C7075	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7011	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C7076	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7012	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C7082	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C7013	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C7083	1-115-340-11	CERAMIC CHIP 0.22UF	10% 25V
C7014	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	C7086	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7015	1-162-960-11	CERAMIC CHIP 220PF	10.00% 50V	C7087	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7017	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7088	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C7018	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7089	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C7019	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C7090	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C7020	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C7091	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C7021	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7092	1-162-965-11	CERAMIC CHIP 0.0015UF	10.00% 50V
C7023	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7093	1-164-217-11	CERAMIC CHIP 150PF	5.00% 50V
C7024	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7094	1-164-217-11	CERAMIC CHIP 150PF	5.00% 50V
C7025	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7095	1-162-965-11	CERAMIC CHIP 0.0015UF	10.00% 50V
C7027	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7096	1-162-965-11	CERAMIC CHIP 0.0015UF	10.00% 50V
C7028	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C7097	1-164-217-11	CERAMIC CHIP 150PF	5.00% 50V
C7029	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7098	1-164-217-11	CERAMIC CHIP 150PF	5.00% 50V
C7030	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C7099	1-162-965-11	CERAMIC CHIP 0.0015UF	10.00% 50V
C7033	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7100	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7034	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C7101	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7035	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7102	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7036	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7103	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7037	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C7104	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7038	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C7105	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C7106	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C9027	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7107	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C9028	1-128-992-21	ELECT CHIP 47UF	20% 25V
C7108	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C9029	1-128-992-21	ELECT CHIP 47UF	20% 25V
C7113	1-112-797-11	ELECT CHIP 470UF	20% 25V	C9030	1-128-992-21	ELECT CHIP 47UF	20% 25V
C7114	1-112-800-11	ELECT CHIP 100UF	20% 35V	C9031	1-128-992-21	ELECT CHIP 47UF	20% 25V
C7115	1-112-800-11	ELECT CHIP 100UF	20% 35V	C9032	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C7116	1-112-800-11	ELECT CHIP 100UF	20% 35V	C9043	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C7117	1-112-800-11	ELECT CHIP 100UF	20% 35V	C9044	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C7118	1-100-912-11	CERAMIC CHIP 1UF	10% 25V	C9045	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C7119	1-100-912-11	CERAMIC CHIP 1UF	10% 25V	C9046	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C7120	1-100-912-11	CERAMIC CHIP 1UF	10% 25V	C9047	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C7121	1-100-912-11	CERAMIC CHIP 1UF	10% 25V	C9048	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C7123	1-125-827-91	CERAMIC CHIP 1UF	10.00% 25V	C9049	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C7124	1-125-827-91	CERAMIC CHIP 1UF	10.00% 25V	C9050	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C7125	1-125-827-91	CERAMIC CHIP 1UF	10.00% 25V	C9051	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C7126	1-125-827-91	CERAMIC CHIP 1UF	10.00% 25V	C9052	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C7127	1-100-591-91	CERAMIC CHIP 1UF	10% 25V	C9057	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C7128	1-100-591-91	CERAMIC CHIP 1UF	10% 25V	C9058	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C7147	1-100-591-91	CERAMIC CHIP 1UF	10% 25V	C9060	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C7148	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C9061	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C7600	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C9065	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C7601	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C9066	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C7602	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C9067	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C7603	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C9068	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C7604	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C9069	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C7605	1-126-204-11	ELECT CHIP 47UF	20.00% 16V	C9070	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C7609	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C9501	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C7610	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C9502	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C7611	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	< CONNECTOR >			
C7612	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	CN7000	1-819-461-11	HEADER ASSEMBLY FOR PWB 4P	
C7613	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	CN7001	1-780-148-11	CLIP, SHIELD	
C7614	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	CN7002	1-780-148-11	CLIP, SHIELD	
C7615	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	CN7501	1-820-184-11	HEADER ASSEMBLY (PRINT PWB) 7P	
C7616	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	CN7502	1-820-185-11	HEADER ASSEMBLY (PRINT PWB) 8P	
C7617	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	CN7503	1-820-211-11	HEADER ASSEMBLY FOR PWB 5P	
C7618	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	CN9001	1-820-192-11	HEADER ASSEMBLY (PRINT PWB) 15P	
C7619	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	CN9501	1-819-390-51	FFC/FPC CONNECTOR (ZIF) 49P	
C9001	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	CN9502	1-820-186-11	HEADER ASSEMBLY (PRINT PWB) 9P	
C9003	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	CN9521	1-780-336-11	EARTH TERMINAL	
C9005	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	CN9522	1-780-336-11	EARTH TERMINAL	
C9007	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	CN9523	1-780-336-11	EARTH TERMINAL	
C9009	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	< DIODE >			
C9010	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D6001	8-719-081-97	DIODE MMDL914T1	
C9011	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	D7001	6-500-551-01	DIODE MM3Z11VT1	
C9012	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D7004	8-719-050-37	DIODE M1MA152WA-T1	
C9013	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	D7005	8-719-081-97	DIODE MMDL914T1	
C9014	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D7006	8-719-081-97	DIODE MMDL914T1	
C9015	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V				
C9016	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V				
C9021	1-128-992-21	ELECT CHIP 47UF	20% 25V				

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

AE

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
D7007	8-719-081-97	DIODE MMDL914T1		IC7001	6-709-191-01	IC MSP4410K-QA-D6-501	
D7009	6-500-884-01	DIODE P6SMBJ30A-5		IC7003	8-759-278-58	IC NJM4558V-TE2	
D7010	6-500-884-01	DIODE P6SMBJ30A-5		IC7007	6-709-285-01	IC M61571AFP-DF0T	
D7011	6-500-884-01	DIODE P6SMBJ30A-5		IC7601	8-759-278-58	IC NJM4558V-TE2	
D7012	6-500-884-01	DIODE P6SMBJ30A-5		IC7602	8-759-359-49	IC NJM3414AV(Te2)	
D7013	8-719-081-97	DIODE MMDL914T1		< SOCKET >			
D7602	8-719-050-37	DIODE M1MA152WA-T1		J9001	1-695-549-11	SOCKET, PIN 21P	
D7603	8-719-050-37	DIODE M1MA152WA-T1		J9002	1-695-549-11	SOCKET, PIN 21P	
D7604	8-719-081-97	DIODE MMDL914T1		J9003	*1-819-358-11	PHONO JACK	
D7605	8-719-081-97	DIODE MMDL914T1		J9004	1-819-354-11	PHONO JACK 5P	
D9001	8-719-977-28	DIODE DTZ10B		< COIL >			
D9002	8-719-081-99	DIODE MM3Z13VT1		L2002	1-469-557-21	INDUCTOR 22UH	
D9003	8-719-977-28	DIODE DTZ10B		L2003	1-469-555-21	INDUCTOR 10UH	
D9004	8-719-977-28	DIODE DTZ10B		L6001	1-469-555-21	INDUCTOR 10UH	
D9005	8-719-036-94	DIODE RD5.6SB-T1		L7001	1-412-990-41	INDUCTOR 8.2UH	
D9007	8-719-036-94	DIODE RD5.6SB-T1		L7002	1-400-794-21	FERRITE 0UH	
D9008	8-719-977-28	DIODE DTZ10B		L7004	1-400-794-21	FERRITE 0UH	
D9009	8-719-081-99	DIODE MM3Z13VT1		L7005	1-469-555-21	INDUCTOR 10UH	
D9010	8-719-977-28	DIODE DTZ10B		L7006	1-400-794-21	FERRITE 0UH	
D9011	8-719-036-94	DIODE RD5.6SB-T1		L7007	1-469-555-21	INDUCTOR 10UH	
D9012	8-719-977-28	DIODE DTZ10B		L7008	1-481-083-11	INDUCTOR 22UH	
D9013	8-719-036-94	DIODE RD5.6SB-T1		L7009	1-457-106-11	INDUCTOR 10UH	
D9015	8-719-036-94	DIODE RD5.6SB-T1		L7010	1-457-106-11	INDUCTOR 10UH	
D9016	8-719-977-28	DIODE DTZ10B		L7011	1-400-794-21	FERRITE 0UH	
D9017	8-719-977-28	DIODE DTZ10B		L7012	1-400-794-21	FERRITE 0UH	
D9018	8-719-977-28	DIODE DTZ10B		L7013	1-400-794-21	FERRITE 0UH	
D9019	8-719-977-28	DIODE DTZ10B		L9001	1-469-555-21	INDUCTOR 10UH	
D9020	8-719-977-28	DIODE DTZ10B		L9503	1-400-178-21	INDUCTOR 0UH	
D9021	8-719-977-28	DIODE DTZ10B		L9504	1-400-178-21	INDUCTOR 0UH	
D9022	8-719-977-28	DIODE DTZ10B		L9505	1-400-178-21	INDUCTOR 0UH	
D9023	8-719-977-28	DIODE DTZ10B		< PROTECTOR MODULE >			
D9036	8-719-977-28	DIODE DTZ10B		PS7001 Δ	1-576-958-21	FUSE 4A 24V	
D9037	8-719-977-28	DIODE DTZ10B		< TRANSISTOR >			
D9038	8-719-977-28	DIODE DTZ10B		Q2001	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D9039	8-719-977-28	DIODE DTZ10B		Q2002	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
< FERRITE BEAD >				Q6001	8-729-600-22	TRANSISTOR 2SA1235-F	
FB7000	1-400-089-21	FERRITE 0UH		Q6002	8-729-600-22	TRANSISTOR 2SA1235-F	
FB7001	1-400-089-21	FERRITE 0UH		Q6004	8-729-600-22	TRANSISTOR 2SA1235-F	
FB7002	1-400-089-21	FERRITE 0UH		Q6005	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
FB7003	1-400-089-21	FERRITE 0UH		Q6007	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
FB7004	1-400-040-22	FERRITE 0UH		Q6008	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
FB7005	1-400-040-22	FERRITE 0UH		Q6009	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
FB7006	1-400-040-22	FERRITE 0UH		Q6011	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
FB7007	1-400-040-22	FERRITE 0UH		Q6012	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
FB7008	1-400-040-22	FERRITE 0UH		Q6013	8-729-600-22	TRANSISTOR 2SA1235-F	
FB9003	1-216-864-11	SHORT CHIP 0		Q7000	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
< IC >							
IC2001	8-752-089-33	IC CXA2069Q-TL					

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
Q7001	8-729-600-22	TRANSISTOR 2SA1235-F		R2027	1-216-864-11	SHORT CHIP	0
Q7002	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R2028	1-216-864-11	SHORT CHIP	0
Q7005	8-729-600-22	TRANSISTOR 2SA1235-F		R2029	1-216-864-11	SHORT CHIP	0
Q7007	8-729-029-14	TRANSISTOR DTC144EUA-T106		R2030	1-216-809-11	METAL CHIP	100 5% 1/10W
Q7008	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R2035	1-216-809-11	METAL CHIP	100 5% 1/10W
Q7009	8-729-600-22	TRANSISTOR 2SA1235-F		R2037	1-216-817-11	METAL CHIP	470 5% 1/10W
Q7010	8-729-029-14	TRANSISTOR DTC144EUA-T106		R2038	1-216-817-11	METAL CHIP	470 5% 1/10W
Q7011	8-729-029-14	TRANSISTOR DTC144EUA-T106		R2039	1-216-864-11	SHORT CHIP	0
Q7012	8-729-141-73	TRANSISTOR 2SC3624A-T1L15L16		R6001	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
Q7013	8-729-141-73	TRANSISTOR 2SC3624A-T1L15L16		R6002	1-216-809-11	METAL CHIP	100 5% 1/10W
Q7014	8-729-600-22	TRANSISTOR 2SA1235-F		R6003	1-216-864-11	SHORT CHIP	0
Q7015	8-729-600-22	TRANSISTOR 2SA1235-F		R6004	1-218-855-11	METAL CHIP	2.2K 0.5% 1/10W
Q7016	8-729-600-22	TRANSISTOR 2SA1235-F		R6007	1-218-887-11	METAL CHIP	47K 0.5% 1/10W
Q7017	8-729-600-22	TRANSISTOR 2SA1235-F		R6008	1-218-879-11	METAL CHIP	22K 0.5% 1/10W
Q7018	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R6009	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
Q7019	8-729-029-14	TRANSISTOR DTC144EUA-T106		R6012	1-216-817-11	METAL CHIP	470 5% 1/10W
Q7020	8-729-029-14	TRANSISTOR DTC144EUA-T106		R6013	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
Q7021	8-729-028-96	TRANSISTOR DTC114EUA-T106		R6014	1-218-889-11	METAL CHIP	56K 0.5% 1/10W
Q7602	8-729-600-22	TRANSISTOR 2SA1235-F		R6017	1-216-857-11	METAL CHIP	1M 5% 1/10W
Q7603	8-729-141-73	TRANSISTOR 2SC3624A-T1L15L16		R6020	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
Q7604	8-729-141-73	TRANSISTOR 2SC3624A-T1L15L16		R6021	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
Q7605	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R6023	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q7606	8-729-141-73	TRANSISTOR 2SC3624A-T1L15L16		R6025	1-218-857-11	METAL CHIP	2.7K 0.5% 1/10W
Q7607	8-729-141-73	TRANSISTOR 2SC3624A-T1L15L16		R6026	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q7608	8-729-029-14	TRANSISTOR DTC144EUA-T106		R6028	1-218-861-11	METAL CHIP	3.9K 0.5% 1/10W
Q7609	8-729-600-22	TRANSISTOR 2SA1235-F		R6029	1-218-861-11	METAL CHIP	3.9K 0.5% 1/10W
Q7610	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R6030	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
Q7611	8-729-029-14	TRANSISTOR DTC144EUA-T106		R6032	1-216-857-11	METAL CHIP	1M 5% 1/10W
Q9001	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R6033	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
Q9002	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R6034	1-216-864-11	SHORT CHIP	0
< RESISTOR >				R6037	1-216-821-11	METAL CHIP	1K 5% 1/10W
R2002	1-216-821-11	METAL CHIP	1K 5% 1/10W	R6039	1-216-815-11	METAL CHIP	330 5% 1/10W
R2003	1-216-821-11	METAL CHIP	1K 5% 1/10W	R6040	1-216-864-11	SHORT CHIP	0
R2004	1-216-864-11	SHORT CHIP	0	R6051	1-216-857-11	METAL CHIP	1M 5% 1/10W
R2005	1-216-864-11	SHORT CHIP	0	R6052	1-216-809-11	METAL CHIP	100 5% 1/10W
R2006	1-216-809-11	METAL CHIP	100 5% 1/10W	R6940	1-216-864-11	SHORT CHIP	0
R2007	1-216-809-11	METAL CHIP	100 5% 1/10W	R6942	1-216-864-11	SHORT CHIP	0
R2010	1-216-864-11	SHORT CHIP	0	R6943	1-216-864-11	SHORT CHIP	0
R2011	1-216-864-11	SHORT CHIP	0	R6946	1-216-864-11	SHORT CHIP	0
R2012	1-216-864-11	SHORT CHIP	0	R6947	1-216-864-11	SHORT CHIP	0
R2014	1-216-864-11	SHORT CHIP	0	R6948	1-216-864-11	SHORT CHIP	0
R2015	1-216-864-11	SHORT CHIP	0	R6962	1-216-864-11	SHORT CHIP	0
R2017	1-216-864-11	SHORT CHIP	0	R6963	1-216-864-11	SHORT CHIP	0
R2019	1-216-809-11	METAL CHIP	100 5% 1/10W	R7000	1-216-864-11	SHORT CHIP	0
R2020	1-216-809-11	METAL CHIP	100 5% 1/10W	R7001	1-216-821-11	METAL CHIP	1K 5% 1/10W
R2023	1-216-821-11	METAL CHIP	1K 5% 1/10W	R7004	1-216-841-11	METAL CHIP	47K 5% 1/10W
R2024	1-216-821-11	METAL CHIP	1K 5% 1/10W	R7007	1-216-805-11	METAL CHIP	47 5% 1/10W
R2025	1-216-864-11	SHORT CHIP	0	R7008	1-216-864-11	SHORT CHIP	0
R2026	1-216-864-11	SHORT CHIP	0	R7010	1-216-821-11	METAL CHIP	1K 5% 1/10W
				R7011	1-216-845-11	METAL CHIP	100K 5% 1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R7012	1-216-864-11	SHORT CHIP	0			R7124	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R7014	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7125	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R7015	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7126	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R7017	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7127	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R7018	1-216-864-11	SHORT CHIP	0			R7128	1-218-901-11	METAL CHIP	180K	0.5%	1/10W
R7019	1-216-864-11	SHORT CHIP	0			R7129	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R7020	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7130	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R7022	1-216-864-11	SHORT CHIP	0			R7131	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R7025	1-216-864-11	SHORT CHIP	0			R7132	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R7031	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R7133	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R7032	1-218-875-11	METAL CHIP	15K	0.5%	1/10W	R7134	1-216-296-11	SHORT CHIP	0		
R7033	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R7135	1-216-296-11	SHORT CHIP	0		
R7034	1-218-875-11	METAL CHIP	15K	0.5%	1/10W	R7136	1-216-296-11	SHORT CHIP	0		
R7035	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7137	1-216-296-11	SHORT CHIP	0		
R7037	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7142	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7039	1-218-873-11	METAL CHIP	12K	0.5%	1/10W	R7143	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7040	1-218-875-11	METAL CHIP	15K	0.5%	1/10W	R7144	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7041	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7145	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7045	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7146	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7047	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7147	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7049	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7152	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7050	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R7153	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7054	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7154	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7055	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7155	1-216-864-11	SHORT CHIP	0		
R7056	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R7156	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7057	1-218-875-11	METAL CHIP	15K	0.5%	1/10W	R7158	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7059	1-218-875-11	METAL CHIP	15K	0.5%	1/10W	R7501	1-216-864-11	SHORT CHIP	0		
R7061	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	R7505	1-216-864-11	SHORT CHIP	0		
R7062	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W	R7600	1-216-864-11	SHORT CHIP	0		
R7063	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W	R7601	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7064	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	R7602	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7066	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R7603	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R7067	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7604	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R7087	1-216-857-11	METAL CHIP	1M	5%	1/10W	R7605	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7088	1-216-837-11	METAL CHIP	22K	5%	1/10W	R7606	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7093	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7614	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7101	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7615	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R7102	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7620	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R7103	1-218-865-11	METAL CHIP	5.6K	0.5%	1/10W	R7621	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R7111	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7622	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R7112	1-216-864-11	SHORT CHIP	0			R7623	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R7113	1-218-887-11	METAL CHIP	47K	0.5%	1/10W	R7626	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7114	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W	R7627	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7115	1-218-887-11	METAL CHIP	47K	0.5%	1/10W	R7628	1-216-844-11	METAL CHIP	82K	5%	1/10W
R7116	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W	R7629	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R7117	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7630	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R7118	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R7631	1-216-844-11	METAL CHIP	82K	5%	1/10W
R7119	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R7632	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R7120	1-216-864-11	SHORT CHIP	0			R7633	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R7122	1-216-864-11	SHORT CHIP	0			R7634	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R7635	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W	R9026	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R7636	1-216-837-11	METAL CHIP	22K	5%	1/10W	R9027	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R7637	1-216-857-11	METAL CHIP	1M	5%	1/10W	R9028	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R7639	1-216-845-11	METAL CHIP	100K	5%	1/10W	R9029	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R7641	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R9030	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R7642	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R9031	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R7643	1-216-845-11	METAL CHIP	100K	5%	1/10W	R9032	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R7644	1-216-813-11	METAL CHIP	220	5%	1/10W	R9033	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R7646	1-216-813-11	METAL CHIP	220	5%	1/10W	R9034	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R7650	1-216-841-11	METAL CHIP	47K	5%	1/10W	R9035	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R7651	1-216-864-11	SHORT CHIP	0			R9036	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R7652	1-216-864-11	SHORT CHIP	0			R9037	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7653	1-216-864-11	SHORT CHIP	0			R9038	1-216-813-11	METAL CHIP	220	5%	1/10W
R7654	1-216-841-11	METAL CHIP	47K	5%	1/10W	R9039	1-216-864-11	SHORT CHIP	0		
R7655	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R9040	1-216-813-11	METAL CHIP	220	5%	1/10W
R7656	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R9041	1-216-864-11	SHORT CHIP	0		
R7657	1-216-837-11	METAL CHIP	22K	5%	1/10W	R9042	1-216-809-11	METAL CHIP	100	5%	1/10W
R7658	1-216-857-11	METAL CHIP	1M	5%	1/10W	R9044	1-216-809-11	METAL CHIP	100	5%	1/10W
R7659	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9045	1-216-809-11	METAL CHIP	100	5%	1/10W
R7660	1-216-841-11	METAL CHIP	47K	5%	1/10W	R9046	1-216-817-11	METAL CHIP	470	5%	1/10W
R7661	1-216-864-11	SHORT CHIP	0			R9047	1-216-813-11	METAL CHIP	220	5%	1/10W
R7662	1-216-841-11	METAL CHIP	47K	5%	1/10W	R9048	1-216-864-11	SHORT CHIP	0		
R7663	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9049	1-216-813-11	METAL CHIP	220	5%	1/10W
R7676	1-216-864-11	SHORT CHIP	0			R9050	1-216-864-11	SHORT CHIP	0		
R7679	1-216-864-11	SHORT CHIP	0			R9051	1-216-809-11	METAL CHIP	100	5%	1/10W
R7682	1-216-864-11	SHORT CHIP	0			R9053	1-216-809-11	METAL CHIP	100	5%	1/10W
R7683	1-216-864-11	SHORT CHIP	0			R9054	1-216-809-11	METAL CHIP	100	5%	1/10W
R7684	1-216-864-11	SHORT CHIP	0			R9055	1-216-809-11	METAL CHIP	100	5%	1/10W
R7685	1-216-864-11	SHORT CHIP	0			R9056	1-216-817-11	METAL CHIP	470	5%	1/10W
R9001	1-216-864-11	SHORT CHIP	0			R9057	1-216-809-11	METAL CHIP	100	5%	1/10W
R9002	1-216-864-11	SHORT CHIP	0			R9058	1-216-809-11	METAL CHIP	100	5%	1/10W
R9005	1-218-285-11	METAL CHIP	75	5%	1/10W	R9059	1-216-809-11	METAL CHIP	100	5%	1/10W
R9006	1-218-285-11	METAL CHIP	75	5%	1/10W	R9060	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R9007	1-216-815-11	METAL CHIP	330	5%	1/10W	R9061	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R9008	1-216-821-11	METAL CHIP	1K	5%	1/10W	R9062	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9009	1-216-815-11	METAL CHIP	330	5%	1/10W	R9063	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9010	1-216-821-11	METAL CHIP	1K	5%	1/10W	R9064	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9011	1-216-815-11	METAL CHIP	330	5%	1/10W	R9065	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9012	1-216-821-11	METAL CHIP	1K	5%	1/10W	R9066	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9013	1-216-815-11	METAL CHIP	330	5%	1/10W	R9067	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9014	1-216-821-11	METAL CHIP	1K	5%	1/10W	R9068	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9015	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R9069	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9017	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R9070	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R9018	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R9071	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R9019	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R9072	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9020	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R9073	1-216-809-11	METAL CHIP	100	5%	1/10W
R9021	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R9074	1-216-819-11	METAL CHIP	680	5%	1/10W
R9023	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R9075	1-216-819-11	METAL CHIP	680	5%	1/10W
R9024	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R9084	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9025	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R9086	1-216-864-11	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK	
R9088	1-216-849-11	METAL CHIP	220K	5%	1/10W	R9502	1-216-864-11	SHORT CHIP	0	
R9089	1-216-849-11	METAL CHIP	220K	5%	1/10W	R9506	1-216-864-11	SHORT CHIP	0	
R9095	1-216-864-11	SHORT CHIP	0			R9541	1-216-864-11	SHORT CHIP	0	
R9096	1-216-864-11	SHORT CHIP	0			< VARISTOR >				
R9104	1-216-864-11	SHORT CHIP	0							
R9105	1-216-864-11	SHORT CHIP	0			VD9013	8-719-977-28	DIODE DTZ10B		
R9106	1-216-864-11	SHORT CHIP	0			VD9014	8-719-977-28	DIODE DTZ10B		
R9107	1-216-864-11	SHORT CHIP	0			VD9015	8-719-977-28	DIODE DTZ10B		
R9109	1-218-831-11	METAL CHIP	220	0.5%	1/10W	VD9016	8-719-977-28	DIODE DTZ10B		
R9110	1-218-831-11	METAL CHIP	220	0.5%	1/10W	VD9017	8-719-977-28	DIODE DTZ10B		
R9111	1-218-831-11	METAL CHIP	220	0.5%	1/10W	VD9018	8-719-977-28	DIODE DTZ10B		
R9112	1-218-831-11	METAL CHIP	220	0.5%	1/10W	VD9025	1-802-082-11	VARISTOR (SMD)		
R9113	1-218-831-11	METAL CHIP	220	0.5%	1/10W	VD9026	1-802-082-11	VARISTOR (SMD)		
R9114	1-218-831-11	METAL CHIP	220	0.5%	1/10W	< CRYSTAL >				
R9115	1-216-801-11	METAL CHIP	22	5%	1/10W					
R9116	1-216-801-11	METAL CHIP	22	5%	1/10W	X7000	1-795-612-11	VIBRATOR, CRYSTAL		
R9117	1-216-801-11	METAL CHIP	22	5%	1/10W	*A-1192-083-A H46E Board, Complete (KDL-46S2000/S2010)				
R9122	1-216-821-11	METAL CHIP	1K	5%	1/10W					
R9123	1-216-821-11	METAL CHIP	1K	5%	1/10W					
R9124	1-216-821-11	METAL CHIP	1K	5%	1/10W	*A-1188-414-C H2E Board, Complete (KDL-26/32S2000/S2010/S2020 & 40S2000/S2010)				
R9125	1-216-821-11	METAL CHIP	1K	5%	1/10W	< CAPACITOR >				
R9126	1-216-821-11	METAL CHIP	1K	5%	1/10W					
R9127	1-216-821-11	METAL CHIP	1K	5%	1/10W					
R9128	1-216-853-11	METAL CHIP	470K	5%	1/10W	C201	1-162-964-11	CERAMIC CHIP 0.001UF	10.00%	50V
R9129	1-216-853-11	METAL CHIP	470K	5%	1/10W	C202	1-162-964-11	CERAMIC CHIP 0.001UF	10.00%	50V
					C203	1-127-573-11	CERAMIC CHIP 1UF	10%	16V	
R9130	1-216-815-11	METAL CHIP	330	5%	1/10W	C204	1-127-573-11	CERAMIC CHIP 1UF	10%	16V
R9131	1-216-815-11	METAL CHIP	330	5%	1/10W	C205	1-125-891-11	CERAMIC CHIP 0.47UF	10.00%	10V
R9135	1-218-831-11	METAL CHIP	220	0.5%	1/10W	C206	1-125-889-91	CERAMIC CHIP 2.2UF	10%	10V
R9136	1-218-831-11	METAL CHIP	220	0.5%	1/10W	C207	1-125-889-91	CERAMIC CHIP 2.2UF	10%	10V
R9137	1-218-831-11	METAL CHIP	220	0.5%	1/10W	C208	1-125-889-91	CERAMIC CHIP 2.2UF	10%	10V
					C209	1-162-927-11	CERAMIC CHIP 100PF	5.00%	50V	
R9138	1-218-831-11	METAL CHIP	220	0.5%	1/10W	C210	1-164-227-11	CERAMIC CHIP 0.022UF	10.00%	25V
R9139	1-218-831-11	METAL CHIP	220	0.5%	1/10W	C211	1-162-927-11	CERAMIC CHIP 100PF	5.00%	50V
R9140	1-218-831-11	METAL CHIP	220	0.5%	1/10W	C212	1-164-227-11	CERAMIC CHIP 0.022UF	10.00%	25V
R9141	1-218-831-11	METAL CHIP	220	0.5%	1/10W	C215	1-115-416-11	CERAMIC CHIP 0.001UF	5.00%	25V
R9142	1-218-831-11	METAL CHIP	220	0.5%	1/10W	< CONNECTOR >				
R9143	1-218-831-11	METAL CHIP	220	0.5%	1/10W	CN201	1-820-192-11	HEADER ASSEMBLY (PRINT PWB)15P		
R9144	1-218-831-11	METAL CHIP	220	0.5%	1/10W	< DIODE >				
R9145	1-218-831-11	METAL CHIP	220	0.5%	1/10W					
R9146	1-218-831-11	METAL CHIP	220	0.5%	1/10W					
R9147	1-218-831-11	METAL CHIP	220	0.5%	1/10W					
R9150	1-216-864-11	SHORT CHIP	0			D201	8-719-977-28	DIODE DTZ10B		
R9151	1-216-864-11	SHORT CHIP	0			D202	8-719-977-28	DIODE DTZ10B		
R9152	1-216-864-11	SHORT CHIP	0			D203	8-719-977-28	DIODE DTZ10B		
R9153	1-216-864-11	SHORT CHIP	0			D204	8-719-977-28	DIODE DTZ10B		
R9154	1-216-864-11	SHORT CHIP	0			D205	8-719-977-28	DIODE DTZ10B		
R9155	1-216-864-11	SHORT CHIP	0			D206	8-719-977-28	DIODE DTZ10B		
R9156	1-216-864-11	SHORT CHIP	0							
R9157	1-216-864-11	SHORT CHIP	0							
R9158	1-216-864-11	SHORT CHIP	0							
R9501	1-216-864-11	SHORT CHIP	0							

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
		< SOCKET >									
J201	1-780-368-11	S TERMINAL BLOCK (RIGHT ANGLE)									
J202	1-568-267-11	JACK									
		< RESISTOR >									
R202	1-216-864-11	SHORT CHIP	0								
R205	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R206	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R207	1-218-831-11	METAL CHIP	220	0.5%	1/10W						
R208	1-218-831-11	METAL CHIP	220	0.5%	1/10W						
R209	1-218-285-11	METAL CHIP	75	5%	1/10W						
R210	1-218-831-11	METAL CHIP	220	0.5%	1/10W						
R211	1-218-831-11	METAL CHIP	220	0.5%	1/10W						
R212	1-216-797-11	METAL CHIP	10	5%	1/10W						
R213	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R214	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R215	1-216-809-11	METAL CHIP	100	5%	1/10W						
R216	1-216-809-11	METAL CHIP	100	5%	1/10W						
R217	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R218	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R219	1-216-809-11	METAL CHIP	100	5%	1/10W						
R220	1-216-797-11	METAL CHIP	10	5%	1/10W						
R222	1-216-853-11	METAL CHIP	470K	5%	1/10W						
R223	1-216-853-11	METAL CHIP	470K	5%	1/10W						
R224	1-218-831-11	METAL CHIP	220	0.5%	1/10W						
R225	1-218-831-11	METAL CHIP	220	0.5%	1/10W						
		< VARISTOR >									
VD201	1-802-082-11	VARISTOR (SMD)									
VD202	1-802-082-11	VARISTOR (SMD)									
VD203	1-802-082-11	VARISTOR (SMD)									

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
MISCELLANEOUS				1-910-025-79	CONNECTOR ASSY 12P (32S2000/S2010/S2020 AEP/UK)		
	1-826-363-11	LOUDSPEAKER (4.2X15CM) (26/32S2000/S2010/S2020 UK/AEP)		1-910-025-82	CONNECTOR ASSY 14P (40S2000/S2010 AEP/UK)		
	1-826-362-11	LOUDSPEAKER (5.5X15.5CM) (40S2000/S2010 UK/AEP)		1-910-025-83	CONNECTOR ASSY 12P (40S2000/S2010 AEP/UK)		
	1-826-435-11	LOUDSPEAKER (13X7CM) (46S2000/S2010 UK/AEP)		1-910-026-78	SP CONNECTOR ASSY (40S2000/S2010 AEP/UK)		
				1-910-026-79	SP CONNECTOR ASSY (32S2000/S2010/S2020 AEP/UK)		
	1-802-061-13	LCD PANEL (26S2000/S2010/S2020 UK/AEP)		1-910-025-62	SP CONNECTOR ASSY (26S2000/S2010/S2020 AEP/UK)		
	1-802-060-12	LCD PANEL (32S2000/S2010/S2020 UK/AEP)		1-910-025-87	SP CONNECTOR ASSY (46S2000/S2010 AEP/UK)		
	1-802-059-11	LCD PANEL (40S2000/S2010 UK/AEP)		1-910-025-32	CONNECTOR ASSY 6P		
	1-802-100-12	LCD PANEL (46S2000/S2010 UK/AEP)		1-910-025-33	CONNECTOR ASSY 7P		
	8-597-571-00	TUNER UNIT, DIGITAL BTD-HF431Z					
Δ	1-819-729-13	INLET, AC (WITH NOISE FILTER)		1-910-025-34	CONNECTOR ASSY 12P		
	1-468-980-11	G1 BOARD, COMPLETE (26/32S2000/S2010/S2020 UK/AEP)		1-910-025-35	CONNECTOR ASSY 30P		
Δ	1-830-609-11	AC POWER-SUPPLY CORD SET (26/32S2000/S2010/S2020 & 40/46S2000/S2010 UK)		1-910-025-36	CONNECTOR ASSY 9P		
Δ	1-830-611-11	POWER-SUPPLY CORD (26/32S2000/S2010/S2020 & 40/46S2000/S2010 AEP)		1-910-025-37	CONNECTOR ASSY 10P		
				1-910-025-38	CONNECTOR ASSY 1P (26/32S2000/S2010/S2020 & 40S2000/S2010 AEP/UK)		
ACCESSORIES AND CONNECTORS				1-910-025-39	CONNECTOR ASSY (FFC) 20P		
	1-500-082-11	CLAMP, SLEEVE FERRITE (32S2000/S2010/S2020 & 40S2000/S2010 AEP/UK)		1-910-025-85	CONNECTOR ASSY 15P (40S2000/S2010 AEP/UK)		
	1-500-753-11	CLAMP FERRITE (32S2000/S2010/S2020 & 40S2000/S2010 AEP/UK)		1-910-025-48	CONNECTOR ASSY 15P (32S2000/S2010/S2020 AEP/UK)		
	2-650-770-21	SLIDE, CLAMP (40/46S2000/S2010 AEP/UK)		1-910-025-49	CONNECTOR ASSY 15P (26S2000/S2010/S2020 AEP/UK)		
	1-469-778-11	CLAMP, FERRITE (40S2000/S2010 AEP/UK)		1-910-025-84	CONNECTOR ASSY 3P (46S2000/S2010 AEP/UK)		
	2-595-155-01	CLAMP		1-910-025-88	CONNECTOR ASSY 14P (46S2000/S2010 AEP/UK)		
	4-084-562-01	CLAMP, MINI		1-910-025-89	CONNECTOR ASSY 12P (46S2000/S2010 AEP/UK)		
	1-769-175-21	CABLE, ANTENNA (WITH FILTER)		1-910-025-90	CONNECTOR ASSY 10P (46S2000/S2010 AEP/UK)		
	1-832-388-11	HARNESS, CONNECTOR WITH (LVDS) (26S2000/S2010/S2020 AEP/UK)		1-910-026-77	CONNECTOR ASSY 15P (46S2000/S2010 AEP/UK)		
	1-832-389-11	HARNESS, CONNECTOR WITH (LVDS) (32S2000/S2010/S2020 & 40/46S2000/S2010 AEP/UK)		*2-670-908-11	INSTRUCTION MANUAL (ENGLISH) (26/32S2000/S2010/S2020 & 40/46S2000/S2010 UK)		
	1-910-025-76	CONNECTOR ASSY 3P (32S2000/S2010/S2020 AEP/UK)		*2-670-908-21	INSTRUCTION MANUAL (GERMAN/FRENCH/ITALIAN/ DUTCH) (26/32S2000/S2010/S2020 & 40/46S2000/ S2010 AEP)		
	1-910-025-77	CONNECTOR ASSY 10P (32S2000/S2010/S2020 AEP/UK)		*2-670-908-31	INSTRUCTION MANUAL (SPANISH/PORTUGUESE/ GREEK) (26/32S2000/S2010/S2020 & 40/46S2000/ S2010 AEP)		
	1-910-025-78	CONNECTOR ASSY 14P (32S2000/S2010/S2020 AEP/UK)		*2-670-908-41	INSTRUCTION MANUAL (ENGLISH/RUSSIAN/POLISH) (26/32S2000/S2010/S2020 & 40/46S2000/ S2010 AEP)		
	1-910-025-72	CONNECTOR ASSY 3P (26S2000/S2010/S2020 AEP/UK)		*2-670-908-51	INSTRUCTION MANUAL (SWEDISH/DANISH/FINNISH/ NORWEGIAN) (26/32S2000/S2010/S2020 & 40/46S2000/S2010 AEP)		
	1-910-025-73	CONNECTOR ASSY 10P (26S2000/S2010/S2020 AEP/UK)					
	1-910-025-74	CONNECTOR ASSY 14P (26S2000/S2010/S2020 AEP/UK)		REMOTE COMMANDER			
	1-910-025-80	CONNECTOR ASSY 3P (40S2000/S2010 AEP/UK)		1-479-685-21	REMOTE COMMANDER (RM-ED005)		
	1-910-025-81	CONNECTOR ASSY 10P (40S2000/S2010 AEP/UK)					
	1-910-025-75	CONNECTOR ASSY 12P (26S2000/S2010/S2020 AEP/UK)					

